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324 Building Life Cycle Dose Estimates for Planned Work

**S. D. Landsman
C. A. Peterson
R. E. Thornhill**

September 1995

**Prepared for the U.S. Department of Energy
under Contract DE-AC06-76RLO 1830**

**Pacific Northwest Laboratory
Operated for the U.S. Department of Energy
by Battelle Memorial Institute**

PNL-10739

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PACIFIC NORTHWEST LABORATORY
operated by
BATTELLE MEMORIAL INSTITUTE
for the
UNITED STATES DEPARTMENT OF ENERGY
under Contract DE-AC06-76RLO 1830

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Richland, Washington 99352

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Summary

This report describes a tool for use by organizational management teams to plan, manage, and oversee personnel exposures within their organizations. The report encompasses personnel radiation exposures received from activities associated with the B-Cell Cleanout Project, Surveillance and Maintenance Project, the Mk-42 Project, and other minor activities. It is designed to provide verifiable Radiological Performance Reports as provided for in the U.S. Department of Energy (DOE) Radiological Control Manual, Section 133.

The primary area workers receive radiation exposure is the Radiochemical Engineering Complex airlock. Workers typically receive 120 mrem/hr to 150 mrem/hr when doing general airlock work; doses increase if work activities are required in certain areas of the airlock. Entry to the airlock is necessary for maintenance of cranes and other equipment, and to set up the rail system used to move large pieces of equipment and shipping casks into and out of the airlock. Transfers of equipment and materials from the hot cells in the complex to the airlock are required to allow dose profiles of waste containers, shuffling of waste containers to allow grouting activities to go on, and to allow maintenance of in-cell cranes. These transfers result in the deposition of significant amounts of contamination that contributes greatly to ambient radiation fields in the airlock. While waste and equipment transfer activities are required, maintenance of airlock dose rates at the minimum achievable is not ALARA; the number of entries required to decontaminate the airlock with current equipment available versus planned work activities is prohibitive.

Both DOE and the Pacific Northwest Laboratory (PNL)^(a) are currently investing in state-of-the-art decontamination equipment. Initially, an ultra-high-pressure spray decontamination system is being installed that should allow maintenance of a much lower dose rate in the airlock. Additionally, spent fuel and other large point sources stored in B-Cell are scheduled to be moved away from the access door. This will also lower dose rates in specific areas of the airlock.

Dose estimates for this report were prepared by compiling historical data for a number of different activities that are routinely done in the airlock, and other lower dose rate areas. Planned activities that contribute to personnel dose were sorted from a Prima Vera logic diagram, loaded with projected personnel resources required, estimates of exposure time, and projected exposure rates. The resulting exposure estimates were examined to determine if ALARA activities planned for the future would affect them. From this examination, challenging goals for exposure reduction were established for several broad areas of activity. Exposure estimates and goals developed from these scheduled activities will be compared against actual exposures for scheduled and unscheduled activities that contributed to exposures received by personnel throughout the year. The comparison will be used to generate

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performance indicators, check the viability of long-term exposure forecasting, and document information used to revise dose estimates for scheduled activities planned for the next calendar year.

Included in this report are life cycle exposure estimates by calendar year for the B-Cell Cleanout project, a three-year estimate of exposures associated with Surveillance and Maintenance, and known activities for Calendar Year (CY) 1995 associated with several smaller projects. These reports are intended to provide a foundation for future dose estimates, by year, requiring updating as exposure conditions change or new avenues of approach to performing work are developed.

Current exposure estimates for the facility, by year, are:

CY1995	73.7 Person-Rem	CY 1998	30.6 Person-Rem
CY1996	54.6 Person-Rem	CY 1999	13.4 Person-Rem
CY1997	44.2 Person-Rem	CY 2000	18.5 Person-Rem

Contents

Summary	iii
1.0 Introduction	1.1
1.1 Purpose	1.1
1.2 General Facility Description	1.1
2.0 Discussion of Exposure Sources	2.1
3.0 Conditions	3.1
4.0 Basis of Estimates	4.1
4.1 Project Activities Resulting in Personnel Exposure	4.1
4.2 Exposure Estimates vs. Exposure Goals	4.2
5.0 Dose Estimates for the 324 Building	5.1

Figures

1	324 Building Schematic Showing the REC and SMF	1.3
2	Whole Body Dose Rate Trend - Airlock Threshold	2.3
3	Whole Body Dose Rate Trend - Middle of Airlock	2.3
4	Whole Body Dose Rate Trend - North Filter Area	2.4
5	Whole Body Dose Rate Trend - Airlock Window Area	2.4
6	Whole Body Dose Rate Trend - South Filter Area	2.5
7	Whole Body Dose Rate Trend - Cover Block	2.5

Tables

1	Average Exposures for Airlock Entries	3.2
2	Typical Task Exposure Comparisons Between Estimates, Secondary, and Primary Dosimetry	3.2
3	Exposure Estimates Versus Exposure Goals for Airlock Work Activities	4.3
4	Dose Estimates by Calendar Year for the 324 Facility	5.1

1.0 Introduction

1.1 Purpose

This report is written to provide 324 Building Work Group management teams with a tool that will allow planning and management of radiation exposures received in support of project and facility operations by personnel in their work groups. Groups supported by this report include Hot Cell Operations, Building Operations, PNL Craft Services, Radiological Control, and ICF Kaiser Hanford Company. The report is designed to provide verifiable Radiological Performance Reports in the form of exposure estimates to these groups as provided for in the U.S. Department of Energy (DOE) Radiological Control Manual, Section 133.

1.2 General Facility Description

The Radiochemical Engineering (RE) cells are in the north portion of the 324 Building. The cell complex consists of an Airlock Cell (Room 135), A-Cell (Room 136), B-Cell (Room 133), C-Cell (Room 134), and D-Cell (Room 246). The airlock and the cells form a "T" that is surrounded by operating galleries, as shown in Figure 1. The cell walls, which are constructed of normal- and high-density magnetite concrete, have a shield rating of 10^6 R/hr at 1 MeV gamma. The RE cells have been used primarily for laboratory- and pilot-scale engineering development work involving high levels of radioactive materials. All operations in the cell complex are done remotely.

Several major radioactive test programs have been conducted in the RE Cells since 1966: the Waste Solidification Engineering Prototypes (WSEP), 1966-1972; the Nuclear Waste Vitrification Project (NWVP), 1977-1979; the Pilot-Scale Radioactive Liquid-Fed Ceramic Melter (RLFCM) project, 1982-1987; and the Federal Republic of Germany (FRG) canister fabrication project, 1988-1989. Cleanout of all four hot cells was initiated in 1988; only the B-Cell Cleanout Project is currently funded. This cell contains an estimated 1,500,000 Ci of highly dispersible material accumulated as a result of accidental spills and normal process losses during the 20 years of DOE-sponsored vitrification programs. Additionally, the cell contains highly contaminated process equipment and more than 2.2 metric tons of Light Water Reactor (LWR) spent fuel obtained by DOE for past Research and Development efforts.

The Shielded Materials Facility (SMF) cells are in the southeast portion of the 324 Building. The cell complex consists of an Airlock Cell (Room 141), South Cell (Room 140), and East Cell (Room 142). The South, East, and Airlock Cells form an "L" and are surrounded by an operating gallery (Room 139), as seen in Figure 1. The cell walls are constructed of high-density concrete built to provide shielding for fields of up to 10^6 R/hr at 1 MeV Gamma. The SMF cells have been used primarily for examination of spent fuel pins and other irradiated materials. South Cell has been divided into engineered compartments to support cesium encapsulation work.

The floor plan illustrates the layout of the High Bay Laboratory and its associated facilities. The main building contains the High Bay Laboratory, High Bay Laboratory Addition, Radiochemical Engineering Cells, Case Handling Area, and Shielded Materials Facility. The plan also shows a central corridor system connecting these areas. Key areas include:

- High Bay Laboratory:** Located at the top right, featuring a large open space and a central corridor.
- High Bay Laboratory Addition:** Located to the right of the main building, featuring a large open space and a central corridor.
- Radiochemical Engineering Cells:** Located in the center of the plan, featuring several cells (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z) and a central corridor.
- Case Handling Area:** Located in the center of the plan, featuring a large open space and a central corridor.
- Shielded Materials Facility:** Located at the bottom left, featuring a large open space and a central corridor.
- Central Corridor:** A central corridor system connecting the various areas of the laboratory.

1.2

2.0 Discussion of Exposure Sources

Radiological exposure received by workers in the 324 Building is primarily the result of support for two major programs: the B-Cell Cleanout Project and the Surveillance and Maintenance Project for building systems and legacy materials. The site where most exposure is received by workers is the Radiochemical Engineering Complex (REC) airlock. Manned entries to the airlock result in greater than 90% of the cumulative dose received by 324 Building radiation workers.

Entry to the airlock is necessary for maintenance of tools and equipment, such as cell cranes and shield doors, and for setup of transfer tracks necessary to move large pieces of equipment or shipping casks from the Cask Handling Area (CHA) to the REC. Routine movement of cranes, equipment, and material from the RE cells to the airlock leads to the deposition of gross amounts of radioactive contamination, primarily beta and gamma emitters such as ^{137}Cs and ^{90}Sr , on the order of 1×10^6 dpm to 1×10^8 dpm in the airlock. Resultant dose rates from contamination are from 150 to 700-mrem/hr gamma (see Figures 2 through 7).

Because of severely restricted work space in B-Cell, the airlock is used for such tasks as grout container dose profiling and temporary staging of grout containers while rearranging in-cell work areas. All materials and equipment (with the exception of the in-cell cranes that are out of reach of rinse equipment) moved out of B-Cell are triple rinsed before being transported to the airlock. Still, movement of equipment and materials to the airlock from B Cell mechanically transfers significant contamination to the airlock. As long as project requirements mandate these equipment and material transfers, maintenance of airlock dose rates at the absolute minimum achievable, using currently available decontamination approaches, is not ALARA. Effective control of personnel exposure is best achieved by setting and maintaining an interim acceptable dose rate at some point above the minimum achievable that balances personnel exposure received from entries for general area decontamination against personnel exposure received from entries to perform necessary work activities.

DOE/PNL are investing in state-of-the-art decontamination equipment that is expected to result in the establishment of a much lower dose rate in the airlock due to greater cleaning efficiency. The system initially being purchased is an Ultra-High-Pressure Spray Decontamination system, currently being installed in the airlock. Industry experience with this technology confirms reduction of dose rates associated with high contamination levels. Other technologies being investigated for use include CO_2 ice blaster/vacuum systems, strippable ALARA paint, concrete scrabblers, and soft-media blasters.

In addition to exposures caused by high levels of contamination, specific areas of the airlock are affected by storage of significant amounts of radioactive material in the hot cells adjacent to the airlock. Approximately 8.4 MCi of vitrified ^{137}Cs and ^{90}Sr in canisters manufactured for the German government are stored in A Cell, adjacent to the northwest corner of the airlock. Seven bundles of commercial spent fuel, two nonfuel-bearing hardware assemblies, and a MK-42 irradiated target assembly are

Figure 2. Whole Body Dose Rate Trend - Airlock Threshold

Figure 3. Whole Body Dose Rate Trend - Middle of Airlock

Figure 4. Whole Body Dose Rate Trend - North Filter Area

Figure 5. Whole Body Dose Rate Trend - Airlock Window Area

Figure 6. Whole Body Dose Rate Trend - South Filter Area

Figure 7. Whole Body Dose Rate Trend - Cover Block

stored directly inside B Cell near the cell door. These large point sources raise dose rates in the adjacent areas in the airlock (see Figure 7). Manned entries requiring access to these areas are rare, but the elevated dose rates must be taken into account when work in those areas is required. The current B-Cell Cleanout Program schedule calls for moving the spent fuel bundles in June 1995; the MK-42 program is scheduled for completion in May 1995^(a). Once this material is moved, dose rates in the area of the B-Cell door are expected to drop by an estimated 10%. Alternate storage areas for the German canisters are also being investigated.

(a) At the time of publication, the last Mk-42 target was removed from B-Cell, but the spent fuel sources had not been moved. No discernible decrease in dose rates at the B-Cell door were noted after the target was removed.

3.0 Conditions

Workers performing tasks in the central portion of the airlock typically receive 120 to 150 mrem per hour of airlock time as recorded by secondary dosimetry (see Table 1). Work in other areas of the airlock can result in much higher accumulations per hour depending on where the work is done (see Table 1 and Figures 2 through 7). Additionally, support personnel for airlock entries, although not working in the airlock, are subject to exposure rates directly dependent on the distance of their work station from the airlock door (see Figure 2).

Most tasks performed in the airlock are routine Craft or Technician duties, except that additional Personal Protective Equipment (PPE) is required to protect workers from airborne and smearable contamination, and workers are exposed to elevated radiation exposure fields. Airborne radiation levels in the airlock are generally between 10 to 100 times the Derived Air Concentration (DAC). Use of PPE necessary for protection from these levels impairs worker efficiency, and imposes audio and visual restrictions. PPE normally used in the airlock (fresh-air-supplied hoods and polyvinyl outer coveralls) may reduce worker efficiency by as much as 25%^(a); that is, a job performed in the airlock would take approximately 25% longer to complete than the same job done in an uncontrolled area. This factor contributes to average airlock entry times of one to two hours.

Historically, relatively stable exposure rates in the airlock have allowed good forecasting of exposure received from ongoing work activities. If the manpower resources and time needed to complete a particular task in the airlock can be estimated, an exposure estimate for all personnel involved in the task can be generated. From a historical perspective, the exposure estimate is conservative when compared to primary and secondary results. The estimate is generally within 15% of secondary dosimetry (gamma pencils or electronic dosimetry) data, and within 45% of officially recorded primary dosimetry (ThermoLuminescent Detectors [TLDs]) results (see Table 2).

Table 1. Average Exposures for Airlock Entries

Task	Number of Workers	Time in Airlock (Avg. min.)	Dose Received (Avg. mrem)	Dose Received (per Hour)
SEG Waste Shipments	12	75	150	120
NLI Cask Shipments	5	60	120	120
Airlock Decon	7	95	250	158
Cell Door PM	2	105	230	131
6-Ton Crane Repair	22	40	280	420

(a) *Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities*, pp. 8-20 to 8-23, U.S. Department of Health and Human Services, October 1985.

Table 2. Typical Task Exposure Comparisons Between Estimates, Secondary, and Primary Dosimetry^(a)

Task	Exposure Estimate	Secondary Dosimetry Result ^(b)	% (+/-) ^(c)	Primary Dosimetry Result ^(d)	% (+/-) ^(c)
Undresser (2x)	100	85	+15	100	+0
SEG Loadout (1x)	180	160	+11	150	+16
Airlock Cleanout (1x)	220	190	+14	150	+32
Airlock Decon (1x)	300	292	+02	170	+43
<p>(a) Because building personnel are involved in many tasks between primary dosimetry pulls (monthly), few jobs allow comparison of secondary and primary results to the estimates. The tasks listed represent all that occurred within the past six months.</p> <p>(b) Gamma pencil or electronic dosimetry results. These results are used as the historical basis for exposure estimates.</p> <p>(c) (Estimate-result)/estimate.</p> <p>(d) TLD results for a deep dose.</p>					

4.0 Basis of Estimates

A management support tool called Prima Vera was used to logically order discrete work activities required for completion of the B-Cell Cleanout project. The logic network allows loading each activity with information, such as resources required for completion, time required for completion, and charge out rates for each resource. The resulting integrated network of activities results in the ability to report activity status in such areas as cost per activity, percent completion for each activity, and work performance versus dollars spent. The overall objective of using this system is to provide a spend plan for the life cycle of the project; this information allows a high degree of management control over the project budget and allows finer estimation of resources required for completion of the project.

To arrive at dose estimates for tasks requiring worker radiation exposure, the life cycle schedule for the B-Cell Cleanout project was analyzed for tasks that would result in worker exposure. These tasks were pulled into a separate sheet on the Prima Vera data base. A dose budget was then substituted for the monetary budget items normally used; Resources became the personnel resources required for completion of the activity, estimated time at dose was substituted for time required for completion, and the dose rate for the area of work, based on historical data for similar jobs, was substituted for the charge out rate for each personnel resource. The resulting network of information allows the generation of reports detailing exposure estimates by resource, work group, or activity. Addition of start and end times for each activity, as assigned in the life cycle B-Cell Cleanout schedule, allows estimates to be generated by calendar year, which correlates to the dosimetry cycle.

4.1 Project Activities Resulting in Personnel Exposure

Major work tasks that were analyzed when deriving exposure estimates include:

- Decontamination of the REC airlock
- SEG cask waste hauls preparation and completion (REC airlock)
- NLI cask loading and unloading activities (REC airlock)
- Horizontally loaded cask loading and unloading (REC and SMF airlocks)
- C-Cell decontamination (REC airlock, C-Cell)
- C-Cell crane replacement (REC airlock, C-Cell)
- Repair of pipe trench cover block trunnion bolt holes (REC airlock)
- Removal of pipe trench cover blocks (REC airlock)
- Installation of waste compactor in the REC airlock
- Preventive Maintenance of in-cell cranes (REC and SMF)
- Repair of in-cell cranes (REC and SMF)
- Preventive Maintenance on cell door systems (REC and SMF)
- Replacement of CHA-REC airlock transfer system tracks
- General REC airlock waste removal

- Installation of a 3.5-ton crane in the REC airlock for use in B-Cell
- First Stage HEPA changes (A-Frames) (CHA)
- Damper control maintenance and repair (CHA)
- Process Off-Gas Blower and HEPA filter maintenance and repair (Room 11)
- Manipulator decontamination, repair, and change-out (Room 147, cell galleries)

Listed tasks are scheduled work activities for CY 1995. Actual exposure received for the year will be based on the percentage of scheduled tasks completed, plus any unscheduled tasks completed that resulted in worker exposure. An action plan to monitor exposures will include evaluating the percentage of planned work completed versus the person-rem goals and estimates, documenting and evaluating jobs not identified when the estimate was prepared, and documenting changes to job scope or work approach that either increase or decrease the amount of exposure received.

4.2 Exposure Estimates vs. Exposure Goals

After exposure estimates for planned work activities were generated from historical data, activities were examined to determine if lower overall exposures in the work areas could be obtained through use of state-of-the-art decontamination systems, changes to procedures, reductions in PPE requirements for some jobs with a resulting increase in worker efficiency, or more thorough job-specific training of workers. From this study, challenging exposure goals for several work tasks were established. Exposure estimates vs. exposure goals for major work tasks for CY 1995 are listed in Table 3.

At the beginning of each calendar year, estimates for the year will be reviewed to allow verification of tasks covered by the estimate, addition of any new activities planned for the year, and revisions to the dose rate estimates for each work area. Exposure goals were only evaluated for CY 1995, due to uncertainties of working conditions, decontamination equipment availability and efficiencies, and schedule changes for succeeding years. Goals will be developed for succeeding years after a review of impacting factors has been completed.

Table 3. Exposure Estimates Versus Exposure Goals for Airlock Work Activities

Work Activity	Exposure Estimate (mrem)	Exposure Goal (mrem)
Decontamination of the REC airlock	535/entry	430/entry
SEG cask waste hauls preparation and completion	430/evolution	350/evolution
Repair of pipe trench cover block trunnion bolt holes	444/entry	355/entry
Preventive Maintenance of in-cell cranes	1,000/crane	800/crane
Repair of in-cell cranes	3,975/crane	3,100/crane
Preventive Maintenance on cell door systems	1,815/door	1,450/door
General REC airlock waste removal	535/entry	430/entry
Installation of 3.5-ton crane for use in B Cell	1,827	1,460
Installation of waste compactor in the REC airlock	1,200	960

5.0 Dose Estimates for the 324 Building

Exposure estimates by calendar year (CY) for the life cycle of the B-Cell project, the next 3 calendar years of the Surveillance and Maintenance project, and CY 1995 activities for other projects are included in Appendices A through Q. The estimates are presented by resource, activity, and work group totals. Since each activity requires support from several different resources, estimates by activity are a comprehensive measure of the estimated dose required for that particular task. A summary of estimated exposure, by calendar year, is presented in Table 4.

Table 4. Dose Estimates by Calendar Year for the 324 Facility

Calendar Year	Estimated Exposure (person-rem)	Exposure Goal (person-rem)
1995	73.7	59.0
1996	54.6	to be determined
1997	44.2	to be determined
1998	30.6	to be determined
1999	13.4	to be determined
2000	18.5	to be determined

Appendix A

PNL and ICF Kaiser Hanford Company

**Total Dose by Activity
1995 - 2000**

BAITELLE PACIFIC NW LABORATORIES
 DOSE ESTIMATING
 324 BLDG ACTIVITIES

Sheet 1 of 17

DSR9

BC80130A	INSTALL CELL CLEANING EQUIP	29JAN95	795.00
BC132A95A	CAMERA & EQUIP MAINT.	30JAN95	64.00
BC80130B	INSTALL CELL CLEANING EQUIP	30JAN95	795.00
SM400566R	CAMERA & EQUIP MAINT.	30JAN95	64.00
BC80130C	INSTALL CELL CLEANING EQUIP	31JAN95	795.00
BC80130D	INSTALL CELL CLEANING EQUIP	01FEB95	795.00
BC80130E	INSTALL CELL CLEANING EQUIP	02FEB95	795.00
BC132A95B	CAMERA & EQUIP MAINT.	22FEB95	64.00
BC132A95C	CAMERA & EQUIP MAINT.	23MAR95	64.00
SMF300	ENTRY TO SOUTH CELL	03APR95	2,150.00
SMF305	HEPA CHANGES	04APR95	560.00
BC132A95D	CAMERA & EQUIP MAINT.	21APR95	64.00
BC14120A	3.5 TON CRANE INSTALLATION	26APR95	297.00
BC14120B	3-1/2 TON CRANE INSTALLATION	27APR95	273.00
BC14120D	3-1/2 TON CRANE INSTALLATION	28APR95	273.00
BC14120E	3-1/2 TON CRANE INSTALLATION	29APR95	273.00
BC14120F	3-1/2 TON CRANE INSTALLATION	30APR95	273.00
BC14120H	3 - 1/2 TON CRANE INSTALLATION	01MAY95	273.00
BC14120G	3 - 1/2 TON CRANE INSTALLATION	01MAY95	273.00
BC14120I	3- 1/2 TON CRANE INSTALLATION	02MAY95	273.00
BC14120J	3-1/2 TON CRANE INSTALLATION	02MAY95	189.00
SMF310	HEPA CHANGES	03MAY95	560.00
BC132A95E	CAMERA & EQUIP MAINT.	15MAY95	64.00
SMF315	HEPA CHANGES	02JUN95	560.00
CC500	C-CELL DECON	05JUN95	975.00
CC502	C-CELL DECON	06JUN95	975.00
CC503	C-CELL DECON	07JUN95	975.00
CC510	CRANE REMOVAL	08JUN95	3,300.00
CC520	CRANE INSTALLATION	09JUN95	3,155.00
CC522	CRANE INSTALLATION	12JUN95	2,300.00
CC530	DECON AND WASTE HAUL	13JUN95	1,125.00
BC132A95F	CAMERA & EQUIP MAINT.	14JUN95	64.00
CC532	DECON AND WASTE HAUL	14JUN95	1,125.00
CC534	DECON AND WASTE HAUL	15JUN95	1,125.00
BCWC8020A	INSTALL COMPACTOR	30JUN95	477.00
BCWC8020B	INSTALL COMPACTOR	01JUL95	477.00
SMF320	HEPA CHANGES	05JUL95	560.00
SM400566S	CAMERA & EQUIP MAINT.	10JUL95	64.00
BC132A95G	CAMERA & EQUIP MAINT.	17JUL95	64.00
SMF325	HEPA CHANGES	03AUG95	560.00
BC28131	POG MODS	07AUG95	1,580.00
BC132A95H	CAMERA & EQUIP MAINT.	08AUG95	64.00
BC28190	RM11POG FILTER CHANGEOUT	08AUG95	100.00
SMF330	HEPA CHANGES	01SEP95	560.00
BC132A95I	CAMERA & EQUIP MAINT.	07SEP95	64.00
BC132A95J	CAMERA & EQUIP MAINT.	08OCT95	64.00

Total Dose
 per Activity

Early
 start

Activity
 Description

Activity
 ID#

KEH

Activity ID	Activity Description	Early start	Total Dose per Activity
BC132A95K	CAMERA & EQUIP MAINT.	06NOV95	64.00
BC132A95L	CAMERA & EQUIP MAINT.	07DEC95	64.00
SM400566T	CAMERA & EQUIP MAINT.	15DEC95	64.00
BC50046A	CRANE MAINTENCE	22JAN96*	385.00
BC50046B	CRANE MAINTENANCE	23JAN96	385.00
BC50046C	CRANE MAINTENANCE	24JAN96	385.00
BC50046D	CRANE MAINTENANCE	25JAN96	385.00
BC50046E	CRANE MAINTENANCE	27JAN96	385.00
BC132A96A	CAMERA & EQUIP MAINT.	30JAN96*	64.00
SM400566R6	CAMERA & EQUIP MAINT.	30JAN96*	64.00
BC132A96B	CAMERA & EQUIP MAINT.	22FEB96	64.00
BC132A96C	CAMERA & EQUIP MAINT.	22MAR96	64.00
BC132A96D	CAMERA & EQUIP MAINT.	22APR96	64.00
BC132A96E	CAMERA & EQUIP MAINT.	14MAY96	64.00
BC132A96F	CAMERA & EQUIP MAINT.	13JUN96	64.00
SM400566S6	CAMERA & EQUIP MAINT.	09JUL96	64.00
BC132A96G	CAMERA & EQUIP MAINT.	16JUL96	64.00
BC132A96H	CAMERA & EQUIP MAINT.	07AUG96	64.00
BC160310A	INSTALLATION OF WES	14AUG96*	895.00
BC160310B	INSTALLATION OF WES	15AUG96*	895.00
BC160310C	INSTALLATION OF WES	16AUG96*	895.00
BC160310D	INSTALLATION OF WES	17AUG96*	895.00
BC160310E	INSTALLATION OF WES	18AUG96*	895.00
BC160310F	INSTALLATION OF WES	19AUG96*	895.00
BC160310G	INSTALLATION OF WES	20AUG96*	895.00
BC160310H	INSTALLATION OF WES	21AUG96*	895.00
BC160310I	INSTALLATION OF WES	22AUG96*	895.00
BC160310J	INSTALLATION OF WES	23AUG96*	895.00
BC132A96I	CAMERA & EQUIP MAINT.	06SEP96	64.00
BC132A96J	CAMERA & EQUIP MAINT.	07OCT96	64.00
BC150055A	REMOVE 6-TON CRANE	07OCT96*	850.00
BC150055B	REMOVE 6-TON CRANE	08OCT96*	850.00
BC150055C	REMOVE 6-TON CRANE	09OCT96*	850.00
BC60026A	CRANE MAINTENANCE	09OCT96*	270.00
BC150055D	REMOVE 6-TON CRANE	10OCT96*	850.00
BC60026B	CRANE MAINTENANCE	10OCT96*	750.00
BC150055E	REMOVE 6-TON CRANE	11OCT96*	850.00
BC60026C	CRANE MAINTENANCE	11OCT96*	1,050.00
BC150055F	REMOVE 6-TON CRANE	12OCT96*	850.00
BC60091D	AIRLOCK CLEANOUT	12OCT96	305.00
BC150055G	REMOVE 6-TON CRANE	13OCT96*	850.00
BC150055H	REMOVE 6-TON CRANE	14OCT96*	850.00
BC150055I	REMOVE 6-TON CRANE	15OCT96*	850.00
BC150055J	REMOVE 6-TON CRANE	16OCT96*	850.00
BC150060A	INSTALL 10-TON CRANE	21OCT96*	795.00
BC150060B	INSTALL 10-TON CRANE	22OCT96*	795.00
BC150060C	INSTALL 10-TON CRANE	23OCT96*	795.00
BC150060D	INSTALL 10-TON CRANE	24OCT96*	795.00
BC150060E	INSTALL 10-TON CRANE	25OCT96*	795.00
BC150060F	INSTALL 10-TON CRANE	26OCT96*	795.00
BC150060G	INSTALL 10-TON CRANE	27OCT96*	795.00

Activity	ID	Description	Early start	Total Dose per Activity
BC150060H	BC150060H	INSTALL 10-TON CRANE	28OCT98	795.00
BC150060I	BC150060I	INSTALL 10-TON CRANE	29OCT98	795.00
BC150060J	BC150060J	INSTALL 10-TON CRANE	30OCT98	795.00
BC132A96K	BC132A96K	CAMERA & EQUIP MAINT.	05NOV98	64.00
BC132A96L	BC132A96L	CAMERA & EQUIP MAINT.	06DEC98	64.00
SM40056616	SM40056616	CAMERA & EQUIP MAINT.	16DEC98	64.00
BC132A96M	BC132A96M	CAMERA & EQUIP MAINT.	30JAN97	64.00
SM400566R7	SM400566R7	CAMERA & EQUIP MAINT.	30JAN97	64.00
BC132A96N	BC132A96N	CAMERA & EQUIP MAINT.	24FEB97	64.00
BC60091A	BC60091A	CRANE MAINTENANCE	14MAR97	750.00
BC60091B	BC60091B	CRANE MAINTENANCE	16MAR97	1,250.00
BC60091C	BC60091C	CRANE MAINTENANCE	18MAR97	1,050.00
BC132A96O	BC132A96O	CAMERA & EQUIP MAINT.	25MAR97	64.00
BC132A96P	BC132A96P	CAMERA & EQUIP MAINT.	23APR97	64.00
BC132A96Q	BC132A96Q	CAMERA & EQUIP MAINT.	15MAY97	64.00
BC132A96R	BC132A96R	CAMERA & EQUIP MAINT.	16JUN97	64.00
SM400566S7	SM400566S7	CAMERA & EQUIP MAINT.	10JUL97	64.00
BC132A96S	BC132A96S	CAMERA & EQUIP MAINT.	17JUL97	64.00
BC132A96T	BC132A96T	CAMERA & EQUIP MAINT.	08AUG97	64.00
BC132A96U	BC132A96U	CAMERA & EQUIP MAINT.	09SEP97	64.00
BC132A96V	BC132A96V	CAMERA & EQUIP MAINT.	08OCT97	64.00
BC132A96W	BC132A96W	CAMERA & EQUIP MAINT.	06NOV97	64.00
BC80017A	BC80017A	CRANE MAINTENANCE	19NOV97	750.00
BC80017B	BC80017B	CRANE MAINTENANCE	24NOV97	750.00
BC132A96X	BC132A96X	CAMERA & EQUIP MAINT.	09DEC97	64.00
SM40056617	SM40056617	CAMERA & EQUIP MAINT.	17DEC97	64.00
BC132A96Y	BC132A96Y	CAMERA & EQUIP MAINT.	30JAN98	64.00
BC132A96Z	BC132A96Z	CAMERA & EQUIP MAINT.	24FEB98	64.00
BC132A97A	BC132A97A	CAMERA & EQUIP MAINT.	25MAR98	64.00
BC132A97B	BC132A97B	CAMERA & EQUIP MAINT.	23APR98	64.00
BC622085A	BC622085A	INSTALL HANDLING/TRANSFER SYSTEM IN	06MAY98	795.00
BC622085B	BC622085B	INSTALL HANDLING/TRANSFER SYSTEM IN	10MAY98	795.00
BC622085C	BC622085C	INSTALL HANDLING/TRANSFER SYSTEM IN	14MAY98	795.00
BC132A97C	BC132A97C	CAMERA & EQUIP MAINT.	15MAY98	64.00
BC622085D	BC622085D	INSTALL HANDLING/TRANSFER SYSTEM IN	18MAY98	795.00
BC622085E	BC622085E	INSTALL HANDLING/TRANSFER SYSTEM IN	24MAY98	795.00
BC622085F	BC622085F	INSTALL HANDLING/TRANSFER SYSTEM IN	30MAY98	795.00
BC622085G	BC622085G	INSTALL HANDLING/TRANSFER SYSTEM IN	05JUN98	795.00
BC622085H	BC622085H	INSTALL HANDLING/TRANSFER SYSTEM IN	11JUN98	795.00
BC132A97D	BC132A97D	CAMERA & EQUIP MAINT.	16JUN98	64.00
BC622085I	BC622085I	INSTALL HANDLING/TRANSFER SYSTEM IN	17JUN98	795.00
BC90025A	BC90025A	INSTALL DUCT CLEANING EQUIP	22JUN98	795.00
BC90025B	BC90025B	INSTALL DUCT CLEANING EQUIP	23JUN98	795.00
BC90025C	BC90025C	INSTALL DUCT CLEANING EQUIP	24JUN98	795.00
BC90025D	BC90025D	INSTALL DUCT CLEANING EQUIP	25JUN98	795.00
BC90025E	BC90025E	INSTALL DUCT CLEANING EQUIP	26JUN98	795.00
BC132A97E	BC132A97E	CAMERA & EQUIP MAINT.	17JUL98	64.00
BC132A97F	BC132A97F	CAMERA & EQUIP MAINT.	10AUG98	64.00
BC132A97G	BC132A97G	CAMERA & EQUIP MAINT.	09SEP98	64.00
BC132A97H	BC132A97H	CAMERA & EQUIP MAINT.	08OCT98	64.00
BC132A97I	BC132A97I	CAMERA & EQUIP MAINT.	06NOV98	64.00

Activity ID	Activity Description	Early start	Total Dose per Activity
BC132A97J	CAMERA & EQUIP MAINT.	09DEC98	64.00
BC132A97K	CAMERA & EQUIP MAINT.	01FEB99*	64.00
BC132A97L	CAMERA & EQUIP MAINT.	24FEB99	64.00
BC132A97M	CAMERA & EQUIP MAINT.	25MAR99	64.00
BC132A97N	CAMERA & EQUIP MAINT.	23APR99	64.00
BC132A97O	CAMERA & EQUIP MAINT.	17MAY99	64.00
BC80140A	CRANE MAINTENANCE	08JUN99*	750.00
BC80140C	CRANE MAINTENANCE	09JUN99*	1,050.00
BC80140B	CRANE MAINTENANCE	10JUN99*	750.00
BC132A97P	CAMERA & EQUIP MAINT.	16JUN99	64.00
BC132A97Q	CAMERA & EQUIP MAINT.	19JUL99	64.00
BC132A97R	CAMERA & EQUIP MAINT.	10AUG99	64.00
BC132A97S	CAMERA & EQUIP MAINT.	09SEP99	64.00
BC132A97T	CAMERA & EQUIP MAINT.	08OCT99	64.00
BC132A97U	CAMERA & EQUIP MAINT.	08NOV99	64.00
BC132A97V	CAMERA & EQUIP MAINT.	09DEC99	64.00
BC90040A	CRANE MAINTENANCE	22DEC99*	750.00
BC90040B	CRANE MAINTENANCE	23DEC99*	750.00
BC90040C	CRANE MAINTENANCE	24DEC99*	1,050.00
BC132A97W	CAMERA & EQUIP MAINT.	31JAN00*	64.00
BC132A97X	CAMERA & EQUIP MAINT.	23FEB00	64.00
BC132A97Y	CAMERA & EQUIP MAINT.	23MAR00	64.00
BC132A97Z	CAMERA & EQUIP MAINT.	21APR00	64.00
BC132A98A	CAMERA & EQUIP MAINT.	15MAY00	64.00
BC132A98B	CAMERA & EQUIP MAINT.	14JUN00	64.00
BC132A98C	CAMERA & EQUIP MAINT.	17JUL00	64.00
BC132A98D	CAMERA & EQUIP MAINT.	08AUG00	64.00
BC132A98E	CAMERA & EQUIP MAINT.	07SEP00	64.00
BC132A98F	CAMERA & EQUIP MAINT.	06OCT00	64.00
BC132A98G	CAMERA & EQUIP MAINT.	06NOV00	64.00
BC132A98H	CAMERA & EQUIP MAINT.	07DEC00	64.00
PNE			
BC500086A	CRANE MAINTENANCE	29JAN95	750.00
BC400565	B-CELL MANIPULATOR CHANGE	30JAN95	50.00
BC40057F	MANIPULATOR REPAIR	30JAN95	180.00
SM400565	MANIPULATOR CHANGE	30JAN95	34.00
SM400567D	MANIPULATOR REPAIR	30JAN95	164.00
SM500000E	WASTE PACKAGING/DISPOSAL -COMPACTOR	30JAN95	10.00
SM500315	STATIC PRESSURE ALARM TEST	30JAN95*	30.00
BC40047A	LLW CAMPAIGN #5 - 8th SHIPMENT	02FEB95*	430.00
SM400020	PM ON BLDG HOT CELL EXHAUST	02FEB95*	35.00
BC500086B	CRANE MAINTENANCE	03FEB95	750.00
BC500086C	CRANE MAINTENANCE	08FEB95	1,050.00
BC40047B	LLW CAMPAIGN #5 - 9TH SHIPMENT	10FEB95	430.00
SM500000G	WASTE PACKAGING/DISPOSAL -COMPACTOR	10FEB95	10.00
SM901685	HEPA (A-FRAME)	15FEB95*	1,020.00
BC40047C	LLW CAMPAIGN #5 - 10TH SHIPMENT	17FEB95	430.00
BC400566	B-CELL MANIPULATOR CHANGE	22FEB95	50.00
BC40057G	MANIPULATOR REPAIR	22FEB95	180.00
SM400565B	MANIPULATOR CHANGE	22FEB95	34.00
SM400567E	MANIPULATOR REPAIR	22FEB95	164.00

Activity ID	Activity Description	Early start	Total Dose per Activity
BC40047D	LLW CAMPAIGN #5 - 11TH SHIPMENT	24FEB95	430.00
SM50000H	WASTE PACKAGING/DISPOSAL -COMPACTOR	24FEB95	10.00
BC40047E	LLW CAMPAIGN #5 - 12TH SHIPMENT	28FEB95	430.00
SM500315B	STATIC PRESSURE ALARM TEST	28FEB95*	30.00
BC40047F	AIRLOCK CLEANOUT	01MAR95	535.00
BC40047H	LLW CAMPAIGN #5 - 13TH SHIPMENT	02MAR95	430.00
BC40047I	LLW WASTE CAMPAIGN #5 - 14TH SHIPMENT	09MAR95	430.00
SM50000I	WASTE PACKAGING/DISPOSAL -COMPACTOR	10MAR95	10.00
SM500000	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	15MAR95*	425.00
BC40047J	LLW CAMPAIGN #5 - 15TH SHIPMENT	16MAR95	430.00
SM400025	B-CELL SHIELDED DOOR PREV. MAINT.	20MAR95	1,815.00
BC40047K	LLW CAMPAIGN #5 - 16TH SHIPMENT	23MAR95	430.00
BC40057H	MANIPULATOR REPAIR	23MAR95	180.00
SM500000J	WASTE PACKAGING/DISPOSAL -COMPACTOR	24MAR95	10.00
SM500315C	STATIC PRESSURE ALARM TEST	27MAR95*	30.00
BC40047L	LLW CAMPAIGN #5 - 17TH SHIPMENT	30MAR95	430.00
BC400567	B-CELL MANIPULATOR CHANGE	30MAR95	50.00
SM400565C	MANIPULATOR CHANGE	30MAR95	34.00
SM400567F	MANIPULATOR REPAIR	30MAR95	164.00
BC40047M	AIRLOCK CLEANOUT	31MAR95	535.00
BC40047N	LLW CAMPAIGN #5 - 18TH SHIPMENT	01APR95	430.00
BC11210A	UHP DECON SYS. INSTALLED IN AIRLOCK	04APR95*	1,015.00
BC40047O	LLW CAMPAIGN #5 - 19TH SHIPMENT	07APR95	430.00
SM500000K	WASTE PACKAGING/DISPOSAL -COMPACTOR	07APR95	10.00
BC40047P	LLW CAMPAIGN #5 - 20TH SHIPMENT	11APR95	430.00
BC11210B	UHP DECON SYS. INSTALLED IN AIRLOCK	14APR95*	455.00
BC40047Q	LLW CAMPAIGN #5 - 21ST SHIPMENT	15APR95	430.00
BC40255A	DECON AIRLOCK	18APR95*	535.00
BC40255B	DECON AIRLOCK	18APR95	535.00
BC40048R	LLW CAMPAIGN #5 - 22ND SHIPMENT	19APR95	430.00
BC40255C	DECON AIRLOCK	19APR95	535.00
BC40255D	DECON AIRLOCK	19APR95	535.00
BCNA6030	NEUTRON ANALYZER INSTALLED IN AIRLOCK	19APR95*	200.00
BC40255E	DECON AIRLOCK	20APR95	535.00
BC40255F	DECON AIRLOCK	20APR95	535.00
BC40057I	MANIPULATOR REPAIR	21APR95	180.00
BC40255G	DECON AIRLOCK	21APR95	535.00
BC40255H	DECON AIRLOCK	21APR95	535.00
SM500000L	WASTE PACKAGING/DISPOSAL -COMPACTOR	21APR95	10.00
BC40047S	LLW CAMPAIGN #5 - 23RD SHIPMENT	24APR95	258.00
SM500315D	STATIC PRESSURE ALARM TEST	25APR95*	30.00
BC400568	B-CELL MANIPULATOR CHANGE	28APR95	50.00
SM901375	C-CELL SHIELDED DOOR PREV. MAINT.	02MAY95	1,815.00
BC600220A	REMOVE PIPETRENCH COVER BLOCKS	05MAY95*	444.00
BC600220B	REMOVE PIPETRENCH COVER BLOCKS	05MAY95	444.00
SM400567G	MANIPULATOR REPAIR	05MAY95	164.00
SM500000M	WASTE PACKAGING/DISPOSAL -COMPACTOR	05MAY95	10.00
SMF100	WASTE DISPOSAL	05MAY95*	30.00
BC600220C	REMOVE PIPETRENCH COVER BLOCKS	06MAY95	444.00
BC600220D	REMOVE PIPETRENCH COVERBLOCKS	06MAY95	444.00
BC600220E	REMOVE PIPETRENCH COVERBLOCKS	06MAY95	84.00

Activity ID	Activity Description	Early start	Total Dose per Activity
SM400565D	MANIPULATOR CHANGE	12MAY95	34.00
BCNA6030B	NEUTRON ANALYZER INSTALLED IN AIRLOCK	15MAY95	120.00
SM500000N	WASTE PACKAGING/DISPOSAL -COMPACTOR	19MAY95	10.00
BC40057J	MANIPULATOR REPAIR	22MAY95	180.00
BC40255I	DECON AIRLOCK	22MAY95	535.00
BC40255J	DECON AIRLOCK	22MAY95	535.00
BC40047U	LLW CAMPAIGN #5 - 24TH SHIPMENT	23MAY95	258.00
BC40047X	AIRLOCK CLEANOUT	24MAY95	321.00
SM500315E	STATIC PRESSURE ALARM TEST	26MAY95*	30.00
BC400569	B-CELL MANIPULATOR CHANGE	30MAY95	50.00
SM500000O	WASTE PACKAGING/DISPOSAL -COMPACTOR	05JUN95	10.00
SM400567H	MANIPULATOR REPAIR	13JUN95	164.00
SM500000B	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	14JUN95	425.00
SM901380	D-CELL SHIELDED DOOR PREV. MAINT.	15JUN95	1,815.00
SM500000P	WASTE PACKAGING/DISPOSAL -COMPACTOR	19JUN95	10.00
SM40056E	MANIPULATOR CHANGE	20JUN95	34.00
SMF101	WASTE DISPOSAL	20JUN95*	30.00
BC40057K	MANIPULATOR REPAIR	21JUN95	180.00
SM500315F	STATIC PRESSURE ALARM TEST	24JUN95*	30.00
BC400570	B-CELL MANIPULATOR CHANGE	28JUN95	50.00
BCWC8025A	FUNCTION TEST COMPACTOR	02JUL95	242.00
SM400415B	D-CELL CRANE PREV. MAINT.	05JUL95*	3,975.00
SM500000Q	WASTE PACKAGING/DISPOSAL -COMPACTOR	05JUL95	10.00
SMF103	WASTE DISPOSAL	11JUL95*	30.00
SM901385	SMF SHIELDED DOOR PREV. MAINT.	17JUL95	25.00
SM500000R	WASTE PACKAGING/DISPOSAL -COMPACTOR	19JUL95	10.00
SM400567I	MANIPULATOR REPAIR	21JUL95	164.00
BC40057L	MANIPULATOR REPAIR	24JUL95	180.00
SM500315G	STATIC PRESSURE ALARM TEST	24JUL95*	30.00
BC400571	B-CELL MANIPULATOR CHANGE	31JUL95	50.00
BCNA603C	NEUTRON ANALYZER INSTALLED IN AIRLOCK	02AUG95*	0.00
SM500000S	WASTE PACKAGING/DISPOSAL -COMPACTOR	02AUG95	10.00
SM40056F	MANIPULATOR CHANGE	04AUG95	34.00
SM400415C	S-CELL PAR PREV. MAINT.	10AUG95	2,520.00
SM901685B	HEPA (A-FRAME)	13AUG95	1,020.00
SM500000T	WASTE PACKAGING/DISPOSAL -COMPACTOR	16AUG95	10.00
SMF104	WASTE DISPOSAL	16AUG95*	30.00
SM400567J	MANIPULATOR REPAIR	21AUG95	164.00
BC40057M	MANIPULATOR REPAIR	22AUG95	164.00
SM500315H	STATIC PRESSURE ALARM TEST	24AUG95*	30.00
BC400572	B-CELL MANIPULATOR CHANGE	29AUG95	50.00
SM500000U	WASTE PACKAGING/DISPOSAL -COMPACTOR	30AUG95	10.00
SM40056G	MANIPULATOR CHANGE	12SEP95	34.00
SM500000C	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	13SEP95	425.00
SM500000V	WASTE PACKAGING/DISPOSAL -COMPACTOR	14SEP95	10.00
BC700110A	LLW CAMPAIGN #5 - 1ST SHIPMENT	15SEP95*	194.00
SN400415N	S-CELL CRANE PREV. MAINT.	18SEP95	2,520.00
BC40057N	MANIPULATOR REPAIR	21SEP95	164.00
BC700110B	LLW CAMPAIGN #6 - 2ND SHIPMENT	21SEP95	194.00
SM500315I	STATIC PRESSURE ALARM TEST	24SEP95*	30.00
BC700110C	LLW CAMPAIGN #6 3RD SHIPMENT	27SEP95	194.00

Activity ID	Activity Description	Early start	Total Dose per Activity
BCNA603D	NEUTRON ANALYZER INSTALLED IN AIRLOCK	27SEP95*	200.00
SM400567K	MANIPULATOR REPAIR	27SEP95	164.00
BC400573	B-CELL MANIPULATOR CHANGE	28SEP95	50.00
BC700110F	AIRLOCK CLEANOUT	28SEP95	288.89
SM500000W	WASTE PACKAGING/DISPOSAL -COMPACTOR	28SEP95	10.00
SMF105	WASTE DISPOSAL	29SEP95*	30.00
BC700110D	LLW CAMPAIGN #6 - 4TH SHIPMENT	04OCT95	194.00
BC28070A	REMOVE JUMPERS	05OCT95*	169.00
BC700110E	LLW CAMPAIGN #6 - 5TH SHIPMENT	12OCT95	194.00
SM500000X	WASTE PACKAGING/DISPOSAL -COMPACTOR	12OCT95	10.00
BC28070B	REMOVE JUMPERS	14OCT95	236.00
SM400415D	E-CELL PAR PREV. MAINT.	17OCT95	185.00
BC700110G	LLW CAMPAIGN #6 - 6TH SHIPMENT	18OCT95	215.00
BC400570	MANIPULATOR REPAIR	20OCT95	164.00
SM500315J	STATIC PRESSURE ALARM TEST	23OCT95*	30.00
SMF106	WASTE DISPOSAL	23OCT95*	30.00
SM40056H	MANIPULATOR CHANGE	25OCT95	34.00
SM500000Y	WASTE PACKAGING/DISPOSAL -COMPACTOR	26OCT95	10.00
BC400574	B-CELL MANIPULATOR CHANGE	27OCT95	50.00
BC700110H	AIRLOCK CLEANOUT	29OCT95	230.00
BC700110J	LLW CAMPAIGN #6 - 7TH SHIPMENT	01NOV95	215.00
SM400567L	MANIPULATOR REPAIR	02NOV95	164.00
BC28191	RM11POG FILTER CHANGEOUT	07NOV95	110.00
BC700110L	LLW CAMPAIGN #6 - 8TH SHIPMENT	09NOV95	215.00
SM500000Z	WASTE PACKAGING/DISPOSAL -COMPACTOR	09NOV95	10.00
BCRCR0160A	INSTALL RATED CONTAINERS	14NOV95*	247.00
BCRCR0160B	INSTALL RATED CONTAINERS	14NOV95	248.00
BC700110I	LLW CAMPAIGN #6 - 9TH SHIPMENT	15NOV95	215.00
SM400415E	E-CELL CRANE PREV. MAINT.	15NOV95	185.00
BC700110K	LLW CAMPAIGN #6 - 10TH SHIPMENT	16NOV95	215.00
BC40057P	MANIPULATOR REPAIR	20NOV95	164.00
SM500315K	STATIC PRESSURE ALARM TEST	21NOV95*	15.00
SM40056I	MANIPULATOR CHANGE	27NOV95	34.00
SM500001A	WASTE PACKAGING/DISPOSAL -COMPACTOR	27NOV95	10.00
BC400575	B-CELL MANIPULATOR CHANGE	29NOV95	50.00
SMF107	WASTE DISPOSAL	07DEC95*	30.00
SM500001B	WASTE PACKAGING/DISPOSAL -COMPACTOR	11DEC95	10.00
SM400567M	MANIPULATOR REPAIR	12DEC95	164.00
SM500000D	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	13DEC95	425.00
SM400415F	SMF AL CRANE PREV. MAINT.	18DEC95	185.00
SM500315L	STATIC PRESSURE ALARM TEST	20DEC95*	30.00
BC400576	B-CELL MANIPULATOR CHANGE	21DEC95	50.00
BC40057Q	MANIPULATOR REPAIR	21DEC95	164.00
SM500001C	WASTE PACKAGING/DISPOSAL -COMPACTOR	27DEC95	10.00
SM40056J	MANIPULATOR CHANGE	28DEC95	34.00
BC50046F	AIRLOCK CLEANOUT	26JAN96	154.00
BC400577	B-CELL MANIPULATOR CHANGE	30JAN96*	50.00
BC40058	MANIPULATOR REPAIR	30JAN96*	164.00
SM4005656	MANIPULATOR CHANGE	30JAN96*	34.00
SM400567D6	MANIPULATOR REPAIR	30JAN96*	164.00
SM500000E6	WASTE PACKAGING/DISPOSAL -COMPACTOR	30JAN96*	10.00

Activity ID	Activity Description	Early start	Total Dose per Activity
SM5003156	STATIC PRESSURE ALARM TEST	30JAN96*	30.00
SMF108	WASTE DISPOSAL	30JAN96*	30.00
SM4000206	PM ON BLDG HOT CELL EXHAUST	02FEB96*	35.00
BC28193	RM11POG FILTER CHANGEOUT	06FEB96	100.00
SM500000G6	WASTE PACKAGING/DISPOSAL -COMPACTOR	12FEB96	10.00
SM9016856	HEPA (A-FRAME)	15FEB96*	1,020.00
BCMFC705A	INSTALL EQUIP IN AIRLOCK	16FEB96*	216.00
BCMFC705B	INSTALL EQUIP IN AIRLOCK	17FEB96	216.00
BC400578	B-CELL MANIPULATOR CHANGE	22FEB96	50.00
BC40059	MANIPULATOR REPAIR	22FEB96	164.00
SM400565B6	MANIPULATOR CHANGE	22FEB96	34.00
SM400567E6	MANIPULATOR REPAIR	22FEB96	164.00
SMF109	WASTE DISPOSAL	22FEB96*	30.00
SM50000H6	WASTE PACKAGING/DISPOSAL -COMPACTOR	26FEB96	10.00
SM500315B6	STATIC PRESSURE ALARM TEST	28FEB96*	30.00
SM50000I6	WASTE PACKAGING/DISPOSAL -COMPACTOR	11MAR96	10.00
SMF110	WASTE DISPOSAL	12MAR96*	30.00
SM5000006	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	15MAR96*	425.00
SM4000256	B-CELL SHIELDED DOOR PREV. MAINT.	19MAR96	1,815.00
BC40060	MANIPULATOR REPAIR	22MAR96	164.00
SM500000J6	WASTE PACKAGING/DISPOSAL -COMPACTOR	25MAR96	10.00
SM500315C6	STATIC PRESSURE ALARM TEST	26MAR96*	30.00
BC400579	B-CELL MANIPULATOR CHANGE	29MAR96	50.00
SM400565C6	MANIPULATOR CHANGE	29MAR96	34.00
SM400567F6	MANIPULATOR REPAIR	29MAR96	164.00
SM500000K6	WASTE PACKAGING/DISPOSAL -COMPACTOR	08APR96	10.00
SMF111	WASTE DISPOSAL	17APR96*	30.00
BC40061	MANIPULATOR REPAIR	22APR96	164.00
SM500000L6	WASTE PACKAGING/DISPOSAL -COMPACTOR	22APR96	10.00
SM500315D6	STATIC PRESSURE ALARM TEST	24APR96*	30.00
BC400580	B-CELL MANIPULATOR CHANGE	29APR96	34.00
SM9013756	C-CELL SHIELDED DOOR PREV. MAINT.	01MAY96	1,815.00
SM400567G6	MANIPULATOR REPAIR	06MAY96	164.00
SM500000M6	WASTE PACKAGING/DISPOSAL -COMPACTOR	06MAY96	10.00
BC28194	RM11POG FILTER CHANGEOUT	07MAY96	100.00
SM400565D6	MANIPULATOR CHANGE	13MAY96	34.00
SM500000N6	WASTE PACKAGING/DISPOSAL -COMPACTOR	20MAY96	10.00
BC40062	MANIPULATOR REPAIR	21MAY96	164.00
SM500315E6	STATIC PRESSURE ALARM TEST	25MAY96*	30.00
BC400581	B-CELL MANIPULATOR CHANGE	29MAY96	34.00
SMF112	WASTE DISPOSAL	31MAY96*	30.00
SM500000O6	WASTE PACKAGING/DISPOSAL -COMPACTOR	04JUN96	10.00
SM400567H6	MANIPULATOR REPAIR	12JUN96	164.00
SM500000B6	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	14JUN96	425.00
SM9013806	D-CELL SHIELDED DOOR PREV. MAINT.	14JUN96	1,815.00
SM500000P6	WASTE PACKAGING/DISPOSAL -COMPACTOR	18JUN96	10.00
SM40056E6	MANIPULATOR CHANGE	19JUN96	34.00
BC40063	MANIPULATOR REPAIR	20JUN96	164.00
SM500315F6	STATIC PRESSURE ALARM TEST	23JUN96*	30.00
SMF113	WASTE DISPOSAL	24JUN96*	30.00
BC400582	B-CELL MANIPULATOR CHANGE	27JUN96	34.00

Activity ID	Activity Description	Early start	Total Dose per Activity
SM400415B6	D-CELL CRANE PREV. MAINT.	01JUL96*	3,975.00
SM500000Q6	WASTE PACKAGING/DISPOSAL -COMPACTOR	02JUL96	10.00
SM9013856	SMF SHIELDED DOOR PREV. MAINT.	15JUL96	25.00
SM500000R6	WASTE PACKAGING/DISPOSAL -COMPACTOR	18JUL96	10.00
SM400567I6	MANIPULATOR REPAIR	22JUL96	164.00
BC40064	MANIPULATOR REPAIR	23JUL96	164.00
SM500315G6	STATIC PRESSURE ALARM TEST	23JUL96*	30.00
SMF114	WASTE DISPOSAL	25JUL96*	30.00
BC400583	B-CELL MANIPULATOR CHANGE	30JUL96	34.00
SM500000S6	WASTE PACKAGING/DISPOSAL -COMPACTOR	01AUG96	10.00
SM40056F6	MANIPULATOR CHANGE	05AUG96	34.00
BC28195	RM11POG FILTER CHANGEOUT	08AUG96*	100.00
SM400415C6	S-CELL PAR PREV. MAINT.	08AUG96	2,520.00
SM901685B6	HEPA (A-FRAME)	12AUG96	1,020.00
SM500000T6	WASTE PACKAGING/DISPOSAL -COMPACTOR	15AUG96	10.00
SM400567J6	MANIPULATOR REPAIR	20AUG96	164.00
BC40065	MANIPULATOR REPAIR	21AUG96	164.00
SM500315H6	STATIC PRESSURE ALARM TEST	23AUG96*	30.00
BC400584	B-CELL MANIPULATOR CHANGE	28AUG96	34.00
SM500000U6	WASTE PACKAGING/DISPOSAL -COMPACTOR	29AUG96	10.00
SMF115	WASTE DISPOSAL	30AUG96*	30.00
BC70060	LLW CAMPAIGN #7 1ST SHIPMENT	03SEP96*	215.00
BC70060B	LLW CAMPAIGN #7 2ND SHIPMENT	11SEP96*	215.00
SM40056G6	MANIPULATOR CHANGE	11SEP96	34.00
SM500000C6	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	13SEP96	425.00
SM500000V6	WASTE PACKAGING/DISPOSAL -COMPACTOR	13SEP96	10.00
SM400415N6	S-CELL CRANE PREV. MAINT.	16SEP96	2,520.00
BC70060C	LLW CAMPAIGN #7 3RD SHIPMENT	19SEP96*	215.00
BC40066	MANIPULATOR REPAIR	20SEP96	164.00
SM500315I6	STATIC PRESSURE ALARM TEST	23SEP96*	30.00
BC150050A	DECONTAMINATION 6-TON CRANE	24SEP96*	270.00
SMF116	WASTE DISPOSAL	24SEP96*	30.00
SM400567K6	MANIPULATOR REPAIR	26SEP96	164.00
BC400585	B-CELL MANIPULATOR CHANGE	27SEP96	34.00
BC70060D	LLW CAMPAIGN #7 4TH SHIPMENT	27SEP96*	215.00
SM500000W6	WASTE PACKAGING/DISPOSAL -COMPACTOR	27SEP96	10.00
BC150050B	DECONTAMINATE 6-TON CRANE	29SEP96*	270.00
BC70060K	AIRLOCK CLEANOUT	04OCT96	268.00
BC40066A	REMOVE JUMPERS	09OCT96*	230.00
BC40066B	REMOVE JUMPERS	10OCT96*	230.00
BC40066C	REMOVE JUMPERS	11OCT96*	230.00
BC70060G	LLW CAMPAIGN # 5TH SHIPMENT	11OCT96*	215.00
SM500000X6	WASTE PACKAGING/DISPOSAL -COMPACTOR	11OCT96	10.00
SMF117	WASTE DISPOSAL	11OCT96*	30.00
BC40066D	REMOVE JUMPERS	12OCT96*	230.00
BC40066E	REMOVE JUMPERS	13OCT96*	230.00
BC40066F	REMOVE JUMPERS	14OCT96*	230.00
BC40066G	REMOVE JUMPERS	15OCT96*	230.00
SM400415D6	E-CELL PAR PREV. MAINT.	15OCT96	185.00
BC40066H	REMOVE JUMPERS	16OCT96*	230.00
BC40066I	REMOVE JUMPERS	17OCT96*	230.00

Activity ID	Activity Description	Early start	Total Dose per Activity
BC40066J	REMOVE JUMPERS	18OCT96*	230.00
BC40067	MANIPULATOR REPAIR	21OCT96	164.00
BC700060H	LLW CAMPAIGN #7 6TH SHIPMENT	22OCT96*	215.00
SM500315J6	STATIC PRESSURE ALARM TEST	22OCT96*	30.00
SM40056H6	MANIPULATOR CHANGE	24OCT96	34.00
SM500000Y6	WASTE PACKAGING/DISPOSAL -COMPACTOR	25OCT96	10.00
BC400586	B-CELL MANIPULATOR CHANGE	28OCT96	34.00
SM400567L6	MANIPULATOR REPAIR	01NOV96	164.00
BC700060E	LLW CAMPAIGN #7 7TH SHIPMENT	02NOV96*	215.00
BC28196	RM11 POG FILTER CHANGEOUT	07NOV96	100.00
SM500000Z6	WASTE PACKAGING/DISPOSAL -COMPACTOR	08NOV96	10.00
BC700060F	LLW CAMPAIGN #7 8TH SHIPMENT	13NOV96*	215.00
SM400415E6	E-CELL CRANE PREV. MAINT.	13NOV96	185.00
SMF118	WASTE DISPOSAL	18NOV96*	30.00
BC40068	MANIPULATOR REPAIR	19NOV96	164.00
SM500315K6	STATIC PRESSURE ALARM TEST	20NOV96*	30.00
SM40056I6	MANIPULATOR CHANGE	22NOV96	34.00
SM500001A6	WASTE PACKAGING/DISPOSAL -COMPACTOR	22NOV96	10.00
BC700060I	LLW CAMPAIGN #7 9TH SHIPMENT	23NOV96*	215.00
BC400587	B-CELL MANIPULATOR CHANGE	26NOV96	34.00
BC700060L	AIRLOCK CLEANOUT	01DEC96	268.00
BC700060J	LLW CAMPAIGN #7 10TH SHIPMENT	07DEC96*	215.00
SM400415F6	SMF AL CRANE PREV. MAINT.	09DEC96	185.00
SM500001B6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10DEC96	10.00
SM400567M6	MANIPULATOR REPAIR	11DEC96	164.00
SM500000D6	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	13DEC96	425.00
SM500315L6	STATIC PRESSURE ALARM TEST	19DEC96*	30.00
BC400588	B-CELL MANIPULATOR CHANGE	20DEC96	34.00
BC40069	MANIPULATOR REPAIR	20DEC96	164.00
SMF119	WASTE DISPOSAL	23DEC96*	30.00
SM400415M	C-CELL CRANE PREV. MAINT.	26DEC96	2,370.00
SM500001C6	WASTE PACKAGING/DISPOSAL -COMPACTOR	26DEC96	10.00
SM40056J6	MANIPULATOR CHANGE	27DEC96	34.00
BC600090A	REMOVE JUMPERS & INSTALL BLANKS IN	03JAN97*	840.00
BC600090B	REMOVE JUMPERS & INSTALL BLANKS IN	05JAN97*	840.00
BC600090C	REMOVE JUMPERS & INSTALL BLANKS IN	07JAN97*	840.00
BC600090D	REMOVE JUMPERS & INSTALL BLANKS IN	09JAN97*	840.00
BC600090E	REMOVE JUMPERS & INSTALL BLANKS IN	11JAN97*	840.00
BC600090F	REMOVE JUMPERS & INSTALL BLANKS IN	13JAN97*	840.00
BC600090G	REMOVE JUMPERS & INSTALL BLANKS IN	15JAN97*	840.00
BC600090H	REMOVE JUMPERS & INSTALL BLANKS IN	17JAN97*	840.00
BC600090I	REMOVE JUMPERS & INSTALL BLANKS IN	19JAN97*	840.00
BC600090J	REMOVE JUMPERS & INSTALL BLANKS IN	23JAN97*	840.00
BC400589	B-CELL MANIPULATOR CHANGE	30JAN97*	34.00
BC40070	MANIPULATOR REPAIR	30JAN97*	164.00
SM4005657	MANIPULATOR CHANGE	30JAN97*	34.00
SM400567D7	MANIPULATOR REPAIR	30JAN97*	164.00
SM500000E7	WASTE PACKAGING/DISPOSAL -COMPACTOR	30JAN97*	10.00
SM5003157	STATIC PRESSURE ALARM TEST	30JAN97*	30.00
SMF120	WASTE DISPOSAL	30JAN97*	30.00
SM4000207	PM ON BLDG HOT CELL EXHAUST	03FEB97*	35.00

Activity ID	Activity Description	Early start	Total Dose per Activity
BC28197	RM11POG FILTER CHANGEOUT	06FEB97	100.00
SM500000G7	WASTE PACKAGING/DISPOSAL -COMPACTOR	12FEB97	10.00
SM9016957	HEPA (A-FRAME)	15FEB97*	1,020.00
BC400590	B-CELL MANIPULATOR CHANGE	24FEB97	34.00
BC40071	MANIPULATOR REPAIR	24FEB97	164.00
SM400567E7	MANIPULATOR REPAIR	24FEB97	164.00
SM40056B7	MANIPULATOR CHANGE	24FEB97	34.00
SMF121	WASTE DISPOSAL	24FEB97*	30.00
SM50000H7	WASTE PACKAGING/DISPOSAL -COMPACTOR	26FEB97	10.00
SM500315B7	STATIC PRESSURE ALARM TEST	28FEB97*	30.00
SM50000I7	WASTE PACKAGING/DISPOSAL -COMPACTOR	12MAR97	10.00
SMF122	WASTE DISPOSAL	13MAR97*	30.00
SM5000007	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	15MAR97*	425.00
SM4000257	B-CELL SHIELDED DOOR PREV. MAINT.	19MAR97	1,815.00
BC40072	MANIPULATOR REPAIR	25MAR97	164.00
SM500000J7	WASTE PACKAGING/DISPOSAL -COMPACTOR	26MAR97	10.00
SM500315C7	STATIC PRESSURE ALARM TEST	27MAR97*	30.00
BC400591	B-CELL MANIPULATOR CHANGE	01APR97	34.00
SM400565C7	MANIPULATOR CHANGE	01APR97	34.00
SM400567F7	MANIPULATOR REPAIR	01APR97	164.00
SM500000K7	WASTE PACKAGING/DISPOSAL -COMPACTOR	09APR97	10.00
SMF124	WASTE DISPOSAL	18APR97*	30.00
BC40073	MANIPULATOR REPAIR	23APR97	164.00
SM500000L7	WASTE PACKAGING/DISPOSAL -COMPACTOR	23APR97	10.00
SM500315D7	STATIC PRESSURE ALARM TEST	25APR97*	30.00
BC400592	B-CELL MANIPULATOR CHANGE	30APR97	34.00
SM9013757	C-CELL SHIELDED DOOR PREV. MAINT.	01MAY97	1,815.00
SM400567G7	MANIPULATOR REPAIR	07MAY97	164.00
SM500000M7	WASTE PACKAGING/DISPOSAL -COMPACTOR	07MAY97	10.00
BC28198	RM11POG FILTER CHANGEOUT	08MAY97	100.00
BC600035A	REMOVE AIRLOCK JUMPERS	12MAY97*	500.00
SM400565D7	MANIPULATOR CHANGE	14MAY97	34.00
BC60000A	LLW CAMPAIGN #8 - 1ST SHIPMENT	15MAY97*	230.00
BC60000B	LLW CAMPAIGN #8 - 2ND SHIPMENT	18MAY97*	230.00
BC60000C	LLW CAMPAIGN #8 - 3RD SHIPMENT	21MAY97*	230.00
BC600035B	REMOVE AIRLOCK JUMPERS	21MAY97*	500.00
SM500000N7	WASTE PACKAGING/DISPOSAL -COMPACTOR	21MAY97	10.00
BC40074	MANIPULATOR REPAIR	22MAY97	164.00
BC60000D	LLW CAMPAIGN #8 - 4TH SHIPMENT	24MAY97*	230.00
SM500315E7	STATIC PRESSURE ALARM TEST	26MAY97*	30.00
BC60000E	LLW CAMPAIGN #8 - 5TH SHIPMENT	27MAY97*	230.00
BC400593	B-CELL MANIPULATOR CHANGE	30MAY97	34.00
BC60000F	LLW CAMPAIGN #8 - 6TH SHIPMENT	30MAY97*	230.00
BC60000G	LLW CAMPAIGN #8 - 7TH SHIPMENT	02JUN97*	230.00
BC60000H	LLW CAMPAIGN #8 - 8TH SHIPMENT	03JUN97*	230.00
SMF126	WASTE DISPOSAL	03JUN97*	30.00
BC60000I	AIRLOCK CLEANOUT	04JUN97	305.00
SM500000O7	WASTE PACKAGING/DISPOSAL -COMPACTOR	05JUN97	10.00
SM400567H7	MANIPULATOR REPAIR	13JUN97	164.00
SM500000B7	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	14JUN97	425.00
SM9013807	D-CELL SHIELDED DOOR PREV. MAINT.	14JUN97	1,815.00

Activity- ID#	Activity- Description	Early start	Total Dose- per Activity
SM500000P7	WASTE PACKAGING/DISPOSAL -COMPACTOR	19JUN97	10.00
SM40056E7	MANIPULATOR CHANGE	20JUN97	34.00
BC40075	MANIPULATOR REPAIR	23JUN97	164.00
SM500315F7	STATIC PRESSURE ALARM TEST	24JUN97*	30.00
SMF123	WASTE DISPOSAL	25JUN97*	30.00
BC400594	B-CELL MANIPULATOR CHANGE	30JUN97	34.00
SM400415B7	D-CELL CRANE PREV. MAINT.	01JUL97*	3,975.00
SM500000Q7	WASTE PACKAGING/DISPOSAL -COMPACTOR	03JUL97	10.00
SM9013857	SMF SHIELDED DOOR PREV. MAINT.	15JUL97	25.00
SM500000R7	WASTE PACKAGING/DISPOSAL -COMPACTOR	21JUL97	10.00
SM400567I7	MANIPULATOR REPAIR	23JUL97	164.00
BC40076	MANIPULATOR REPAIR	24JUL97	164.00
SM500315G7	STATIC PRESSURE ALARM TEST	24JUL97*	30.00
SMF130	WASTE DISPOSAL	28JUL97*	30.00
BC400595	B-CELL MANIPULATOR CHANGE	31JUL97	34.00
SM500000S7	WASTE PACKAGING/DISPOSAL -COMPACTOR	04AUG97	10.00
SM40056F7	MANIPULATOR CHANGE	06AUG97	34.00
BC28199	RM11POG FILTER CHANGEOUT	08AUG97*	100.00
SM400415C7	S-CELL PAR PREV. MAINT.	08AUG97	2,520.00
SM901685B7	HEPA (A-FRAME)	13AUG97	1,020.00
SM500000T7	WASTE PACKAGING/DISPOSAL -COMPACTOR	18AUG97	10.00
SM400567J7	MANIPULATOR REPAIR	21AUG97	164.00
BC40077	MANIPULATOR REPAIR	22AUG97	164.00
SM500315H7	STATIC PRESSURE ALARM TEST	24AUG97*	30.00
BC400596	B-CELL MANIPULATOR CHANGE	29AUG97	34.00
SM500000U7	WASTE PACKAGING/DISPOSAL -COMPACTOR	02SEP97	10.00
SMF125	WASTE DISPOSAL	03SEP97*	30.00
SM40056G7	MANIPULATOR CHANGE	12SEP97	34.00
SM500000C7	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	13SEP97	425.00
SM400415N7	S-CELL CRANE PREV. MAINT.	16SEP97	2,520.00
SM500000V7	WASTE PACKAGING/DISPOSAL -COMPACTOR	16SEP97	10.00
BC40078	MANIPULATOR REPAIR	23SEP97	164.00
SM500315I7	STATIC PRESSURE ALARM TEST	24SEP97*	30.00
SMF132	WASTE DISPOSAL	25SEP97*	30.00
SM400567K7	MANIPULATOR REPAIR	29SEP97	164.00
BC400597	B-CELL MANIPULATOR CHANGE	30SEP97	34.00
SM500000W7	WASTE PACKAGING/DISPOSAL -COMPACTOR	30SEP97	10.00
SM500000X7	WASTE PACKAGING/DISPOSAL -COMPACTOR	14OCT97	10.00
SMF127	WASTE DISPOSAL	14OCT97*	30.00
SM400415D7	E-CELL PAR PREV. MAINT.	15OCT97	185.00
BC40079	MANIPULATOR REPAIR	22OCT97	164.00
SM500315J7	STATIC PRESSURE ALARM TEST	23OCT97*	30.00
SM40056H7	MANIPULATOR CHANGE	27OCT97	34.00
SM500000Y7	WASTE PACKAGING/DISPOSAL -COMPACTOR	28OCT97	10.00
BC400598	B-CELL MANIPULATOR CHANGE	29OCT97	34.00
SM400567L7	MANIPULATOR REPAIR	04NOV97	164.00
BC28200	RM11POG FILTER CHANGEOUT	07NOV97	100.00
SM500000Z7	WASTE PACKAGING/DISPOSAL -COMPACTOR	11NOV97	10.00
SM400415E7	E-CELL CRANE PREV. MAINT.	13NOV97	185.00
SMF128	WASTE DISPOSAL	19NOV97*	30.00
BC40080	MANIPULATOR REPAIR	20NOV97	164.00

Activity ID	Activity Description	Early start	Total Dose per Activity
SM500315K7	STATIC PRESSURE ALARM TEST	21NOV97*	30.00
BC80017C	AIRLOCK CLEANOUT	25NOV97	305.00
SM4005617	MANIPULATOR CHANGE	25NOV97	34.00
SM500001A7	WASTE PACKAGING/DISPOSAL -COMPACTOR	25NOV97	10.00
BC400599	B-CELL MANIPULATOR CHANGE	01DEC97	34.00
SM400415F7	SMF AL CRANE PREV. MAINT.	09DEC97	185.00
SM500001B7	WASTE PACKAGING/DISPOSAL -COMPACTOR	11DEC97	10.00
SM400567M7	MANIPULATOR REPAIR	12DEC97	164.00
SM500000D7	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	13DEC97	425.00
SM500315L7	STATIC PRESSURE ALARM TEST	20DEC97*	30.00
BC400600	B-CELL MANIPULATOR CHANGE	23DEC97	34.00
BC40081	MANIPULATOR REPAIR	23DEC97	164.00
SM400415M7	C-CELL CRANE PREV. MAINT.	26DEC97	2,370.00
SMF129	WASTE DISPOSAL	26DEC97*	30.00
SM500001C7	WASTE PACKAGING/DISPOSAL -COMPACTOR	29DEC97	10.00
SM40056J7	MANIPULATOR CHANGE	30DEC97	34.00
BC60066A	FILTER MEDIA LOADOUT	07JAN98*	215.00
BC60066B	FILTER MEDIA LOADOUT	08JAN98*	215.00
BC60066C	FILTER MEDIA LOADOUT	09JAN98*	215.00
BC70000A	LLW CAMPAIGN #9 1ST SHIPMENT	15JAN98*	230.00
BC70000B	LLW CAMPAIGN #9 2ND SHIPMENT	16JAN98*	230.00
BC70000C	LLW CAMPAIGN #9 3RD SHIPMENT	17JAN98*	230.00
BC70000D	LLW CAMPAIGN #9 4TH SHIPMENT	18JAN98*	230.00
BC70000I	AIRLOCK CLEANOUT	19JAN98	305.00
BC70000E	LLW CAMPAIGN #9 5TH SHIPMENT	20JAN98*	230.00
BC70000F	LLW CAMPAIGN #9 6TH SHIPMENT	21JAN98*	230.00
BC70000G	LLW CAMPAIGN #9 7TH SHIPMENT	24JAN98*	230.00
BC70000H	LLW CAMPAIGN #9 8TH SHIPMENT	26JAN98*	230.00
BC7000J	AIRLOCK CLEANOUT	27JAN98	305.00
BC400601	B-CELL MANIPULATOR CHANGE	30JAN98*	34.00
BC40082	MANIPULATOR REPAIR	30JAN98*	164.00
BC28201	RM11POG FILTER CHANGEOUT	06FEB98	100.00
BC400602	B-CELL MANIPULATOR CHANGE	24FEB98	34.00
BC40083	MANIPULATOR REPAIR	24FEB98	164.00
BC40084	MANIPULATOR REPAIR	25MAR98	164.00
BC400603	B-CELL MANIPULATOR CHANGE	01APR98	34.00
BC80020	DECON AIRLOCK	03APR98*	360.00
BC40085	MANIPULATOR REPAIR	23APR98	164.00
BC400604	B-CELL MANIPULATOR CHANGE	30APR98	34.00
BC28202	RM11POG FILTER CHANGEOUT	08MAY98	100.00
BC40086	MANIPULATOR REPAIR	22MAY98	164.00
BC400605	B-CELL MANIPULATOR CHANGE	01JUN98	34.00
BC40087	MANIPULATOR REPAIR	23JUN98	164.00
BC400606	B-CELL MANIPULATOR CHANGE	30JUN98	34.00
BC40088	MANIPULATOR REPAIR	24JUL98	164.00
BC400607	B-CELL MANIPULATOR CHANGE	31JUL98	34.00
BC28203	RM11POG FILTER CHANGEOUT	08AUG98*	100.00
BC28208	RM11POG FILTER CHANGEOUT	08AUG98*	100.00
BC700100A	SCW LOADOUT - 1ST SHIPMENT	20AUG98*	230.00
BC40089	MANIPULATOR REPAIR	24AUG98	164.00
BC700100B	SCW LOADOUT - 2ND SHIPMENT	24AUG98*	230.00

Activity: ID:	Activity: Description:	Early: start:	Total Dose: per Activity:
BC700100C	SCW LOADOUT - 3RD SHIPMENT	28AUG98*	230.00
BC400608	B-CELL MANIPULATOR CHANGE	31AUG98	34.00
BC700100D	SCW LOADOUT - 4TH SHIPMENT	01SEP98*	230.00
BC700100J	AIRLOCK CLEANOUT	02SEP98	305.00
BC700100E	SCW LOADOUT - 5TH SHIPMENT	03SEP98*	230.00
BC700100F	SCW LOADOUT - 6TH SHIPMENT	08SEP98*	230.00
BC700100G	SCW LOADOUT - 7TH SHIPMENT	13SEP98*	230.00
BC700100H	SCW LOADOUT - 8TH SHIPMENT	18SEP98*	230.00
BC700100K	AIRLOCK CLEANOUT	19SEP98	305.00
BC700100I	SCW LOADOUT - 9TH SHIPMENT	20SEP98*	230.00
BC40090	MANIPULATOR REPAIR	23SEP98	164.00
BC400609	B-CELL MANIPULATOR CHANGE	30SEP98	34.00
BC40091	MANIPULATOR REPAIR	22OCT98	164.00
BC400610	B-CELL MANIPULATOR CHANGE	29OCT98	34.00
BC28204	RM11POG FILTER CHANGEOUT	07NOV98	100.00
BC28209	RM11POG FILTER CHANGEOUT	07NOV98	100.00
BC40092	MANIPULATOR REPAIR	20NOV98	164.00
BC400611	B-CELL MANIPULATOR CHANGE	01DEC98	34.00
BC700101A	SCW LOADOUT #3 - 1ST SHIPMENT	22DEC98*	230.00
BC700103A	SCW LOADOUT #2 - 1ST SHIPMENT	22DEC98*	230.00
BC400612	B-CELL MANIPULATOR CHANGE	23DEC98	34.00
BC40093	MANIPULATOR REPAIR	23DEC98	164.00
BC700101B	SCW LOADOUT #3 - 2ND SHIPMENT	23DEC98*	230.00
BC700101C	SCW LOADOUT #3 - 3RD SHIPMENT	24DEC98*	230.00
BC700101D	SCW LOADOUT #3 - 4TH SHIPMENT	25DEC98*	230.00
BC700101E	SCW LOADOUT #3 - 5TH SHIPMENT	26DEC98*	230.00
BC700103B	SCW LOADOUT #2 - 2ND SHIPMENT	29DEC98*	230.00
BC700103C	SCW LOADOUT #2 - 3RD SHIPMENT	05JAN99*	230.00
BC700103I	AIRLOCK CLEANOUT	06JAN99	305.00
BC700103D	SCW LOADOUT #2 - 4TH SHIPMENT	07JAN99*	230.00
BC700103E	SCW LOADOUT #2 - 5TH SHIPMENT	14JAN99*	230.00
BC700103F	SCW LOADOUT #2 - 6TH SHIPMENT	21JAN99*	230.00
BC400613	B-CELL MANIPULATOR CHANGE	01FEB99*	34.00
BC40094	MANIPULATOR REPAIR	01FEB99*	164.00
BC700103G	SCW LOADOUT #2 - 7TH SHIPMENT	02FEB99*	230.00
BC28205	RM11POG FILTER CHANGEOUT	06FEB99	100.00
BC28210	RM11POG FILTER CHANGEOUT	06FEB99	100.00
BC700103H	SCW LOADOUT #2 - 8TH SHIPMENT	09FEB99*	230.00
BC700103J	AIRLOCK CLEANOUT	10FEB99	305.00
BC400614	B-CELL MANIPULATOR CHANGE	24FEB99	34.00
BC40095	MANIPULATOR REPAIR	24FEB99	164.00
BC40096	MANIPULATOR REPAIR	25MAR99	164.00
BC400615	B-CELL MANIPULATOR CHANGE	01APR99	34.00
BC40097	MANIPULATOR REPAIR	23APR99	164.00
BC400616	B-CELL MANIPULATOR CHANGE	30APR99	34.00
BC28206	RM11POG FILTER CHANGEOUT	08MAY99	100.00
BC28211	RM11POG FILTER CHANGEOUT	08MAY99	100.00
BC80040A	LLW CAMPAIGN #10 1ST SHIPMENT	10MAY99*	230.00
BC80040B	LLW CAMPAIGN #10 2ND SHIPMENT	11MAY99*	230.00
BC80040C	LLW CAMPAIGN #10 3RD SHIPMENT	12MAY99*	230.00
BC80040D	LLW CAMPAIGN #10 - 4TH SHIPMENT	13MAY99*	230.00

Activity ID	Activity Description	Early start	Total Dose per Activity
BC80040G	AIRLOCK CLEANOUT	14MAY99	305.00
BC80040E	LLW CAMPAIGN #10 - 5TH SHIPMENT	15MAY99*	230.00
BC80040F	LLW CAMPAIGN #10 - 6TH SHIPMENT	16MAY99*	230.00
BC40098	MANIPULATOR REPAIR	24MAY99	164.00
BC400617	B-CELL MANIPULATOR CHANGE	01JUN99	34.00
BC80040H	AIRLOCK CLEANOUT	11JUN99	305.00
BC40099	MANIPULATOR REPAIR	23JUN99	164.00
BC400618	B-CELL MANIPULATOR CHANGE	30JUN99	34.00
BC80056A	SHIP HEPA FILTER MEDIA	12JUL99*	215.00
BC80056B	SHIP HEPA FILTER MEDIA	14JUL99	215.00
BC40100	MANIPULATOR REPAIR	26JUL99	164.00
BC400619	B-CELL MANIPULATOR CHANGE	02AUG99	34.00
BC40101	MANIPULATOR REPAIR	24AUG99	164.00
BC400620	B-CELL MANIPULATOR CHANGE	31AUG99	34.00
BC40102	MANIPULATOR REPAIR	23SEP99	164.00
BC400621	B-CELL MANIPULATOR CHANGE	30SEP99	34.00
BC40103	MANIPULATOR REPAIR	22OCT99	164.00
BC400622	B-CELL MANIPULATOR CHANGE	29OCT99	34.00
BC40104	MANIPULATOR REPAIR	22NOV99	164.00
BC400623	B-CELL MANIPULATOR CHANGE	01DEC99	34.00
BC400624	B-CELL MANIPULATOR CHANGE	23DEC99	34.00
BC40105	MANIPULATOR REPAIR	23DEC99	164.00
BC90040D	AIRLOCK CLEANOUT	25DEC99	305.00
BC400625	B-CELL MANIPULATOR CHANGE	31JAN00*	34.00
BC40106	MANIPULATOR REPAIR	31JAN00*	164.00
BC400626	B-CELL MANIPULATOR CHANGE	23FEB00	34.00
BC40107	MANIPULATOR REPAIR	23FEB00	164.00
BC90070A	LLW CAMPAIGN #11	13MAR00*	230.00
BC90070B	LLW CAMPAIGN #11	14MAR00*	230.00
BC90070C	LLW CAMPAIGN #11	15MAR00*	230.00
BC90070D	AIRLOCK CLEANOUT	16MAR00	305.00
BC40108	MANIPULATOR REPAIR	23MAR00	164.00
BC400627	B-CELL MANIPULATOR CHANGE	30MAR00	34.00
BC40109	MANIPULATOR REPAIR	21APR00	164.00
BC400628	B-CELL MANIPULATOR CHANGE	28APR00	34.00
BC40110	MANIPULATOR REPAIR	22MAY00	164.00
BC400629	B-CELL MANIPULATOR CHANGE	30MAY00	34.00
BC40111	MANIPULATOR REPAIR	21JUN00	164.00
BC400630	B-CELL MANIPULATOR CHANGE	28JUN00	34.00
BC40112	MANIPULATOR REPAIR	24JUL00	164.00
BC400631	B-CELL MANIPULATOR CHANGE	31JUL00	34.00
BC40113	MANIPULATOR REPAIR	22AUG00	164.00
BC80047A	PKG RMW INTO OVERPACKS AND LOADOUT	23AUG00*	230.00
BC80047B	PKG RMW INTO OVERPACKS AND LOADOUT	24AUG00*	230.00
BC80047C	PKG RMW INTO OVERPACKS AND LOADOUT	25AUG00*	230.00
BC80047D	PKG RMW INTO OVERPACKS AND LOADOUT	26AUG00*	230.00
BC80047E	PKG RMW INTO OVERPACKS AND LOADOUT	27AUG00*	230.00
BC80047U	AIRLOCK CLEANOUT	28AUG00	305.00
BC400632	B-CELL MANIPULATOR CHANGE	29AUG00	34.00
BC80047F	PKG RMW INTO OVERPACKS AND LOADOUT	29AUG00*	230.00
BC80047G	PKG RMW INTO OVERPACKS AND LOADOUT	30AUG00*	230.00

Activity ID	Activity Description	Early start	Total Dose per Activity
BC80047H	PKG RMW INTO OVERPACKS AND LOADOUT	01SEP00*	230.00
BC80047I	PKG RMW INTO OVERPACKS AND LOADOUT	03SEP00*	230.00
BC80047V	AIRLOCK CLEANOUT	04SEP00	305.00
BC80047J	PKG RMW INTO OVERPACKS AND LOADOUT	05SEP00*	230.00
BC80047K	PKG RMW INTO OVERPACKS AND LOADOUT	07SEP00*	230.00
BC80047L	PKG RMW INTO OVERPACKS AND LOADOUT	09SEP00*	230.00
BC80047M	PKG RMW INTO OVERPACKS AND LOADOUT	11SEP00*	230.00
BC80047W	AIRLOCK CLEANOUT	12SEP00	305.00
BC80047N	PKG RMW INTO OVERPACKS AND LOADOUT	13SEP00*	230.00
BC80047O	PKG RMW INTO OVERPACKS AND LOADOUT	15SEP00*	230.00
BC80047P	PKG RMW INTO OVERPACKS AND LOADOUT	17SEP00*	230.00
BC80047Q	PKG RMW INTO OVERPACKS AND LOADOUT	19SEP00*	230.00
BC80047X	AIRLOCK CLEANOUT	20SEP00	305.00
BC40114	MANIPULATOR REPAIR	21SEP00	164.00
BC80047R	PKG RMW INTO OVERPACKS AND LOADOUT	21SEP00*	230.00
BC80047S	PKG RMW INTO OVERPACKS AND LOADOUT	22SEP00*	230.00
BC80047T	PKG RMW INTO OVERPACKS AND LOADOUT	23SEP00*	230.00
BC80047Y	AIRLOCK CLEANOUT	24SEP00	305.00
BC400633	B-CELL MANIPULATOR CHANGE	28SEP00	34.00
BC80051A	PKG RMW INTO OVERPACKS AND SECOND	17OCT00*	230.00
BC80051B	PKG RMW INTO OVERPACKS AND SECOND	18OCT00*	230.00
BC80053A	LLW CAMPAIGN #12 - 1st SHIPMENT	18OCT00*	230.00
BC80051C	PKG RMW INTO OVERPACKS AND SECOND	19OCT00*	230.00
BC80053B	LLW CAMPAIGN #12 - 2ND SHIPMENT	19OCT00*	230.00
BC40115	MANIPULATOR REPAIR	20OCT00	164.00
BC80051D	PKG RMW INTO OVERPACKS AND SECOND	20OCT00*	230.00
BC80053C	LLW CAMPAIGN #12 - 3RD SHIPMENT	20OCT00*	230.00
BC80051U	AIRLOCK CLEANOUT	21OCT00	305.00
BC80053D	LLW CAMPAIGN #12 - 4 SHIPMENT	21OCT00*	230.00
BC80051E	PKG RMW INTO OVERPACKS AND SECOND	22OCT00*	230.00
BC80053H	AIRLOCK CLEANOUT	22OCT00	305.00
BC80051F	PKG RMW INTO OVERPACKS AND SECOND	23OCT00*	230.00
BC80053E	LLW CAMPAIGN #12 - 5TH SHIPMENT	23OCT00*	230.00
BC80051G	PKG RMW INTO OVERPACKS AND SECOND	24OCT00*	230.00
BC80053F	LLW CAMPAIGN #12 - 6TH SHIPMENT	24OCT00*	230.00
BC80051H	PKG RMW INTO OVERPACKS AND SECOND	25OCT00*	230.00
BC80053G	LLW CAMPAIGN #12 - 7TH SHIPMENT	25OCT00*	230.00
BC80051I	PKG RMW INTO OVERPACKS AND SECOND	26OCT00*	230.00
BC80053I	AIRLOCK CLEANOUT	26OCT00	460.00
BC400634	B-CELL MANIPULATOR CHANGE	27OCT00	34.00
BC80051V	AIRLOCK CLEANOUT	27OCT00	305.00
BC80051J	PKG RMW INTO OVERPACKS AND SECOND	28OCT00*	230.00
BC80051K	PKG RMW INTO OVERPACKS AND SECOND	29OCT00*	230.00
BC80051L	PKG RMW INTO OVERPACKS AND SECOND	30OCT00*	230.00
BC80051M	PKG RMW INTO OVERPACKS AND SECOND	31OCT00*	230.00
BC80051W	AIRLOCK CLEANOUT	01NOV00	305.00
BC80051N	PKG RMW INTO OVERPACKS AND SECOND	02NOV00*	230.00
BC80051O	PKG RMW INTO OVERPACKS AND SECOND	03NOV00*	230.00
BC80051P	PKG RMW INTO OVERPACKS AND SECOND	04NOV00*	230.00
BC80051Q	PKG RMW INTO OVERPACKS AND SECOND	05NOV00*	230.00
BC80051X	AIRLOCK CLEANOUT	06NOV00	305.00

Activity ID	Activity Description	Early start	Total Dose per Activity
BC80051R	PKG RMW INTO OVERPACKS AND SECOND	07NOV00*	230.00
BC80051S	PKG RMW INTO OVERPACKS AND SECOND	08NOV00*	230.00
BC80051T	PKG RMW INTO OVERPACKS AND SECOND	09NOV00*	230.00
BC80051Y	AIRLOCK CLEANOUT	10NOV00	305.00
BC40116	MANIPULATOR REPAIR	20NOV00	164.00
BC400635	B-CELL MANIPULATOR CHANGE	29NOV00	34.00
BC400636	B-CELL MANIPULATOR CHANGE	21DEC00	34.00
BC40117	MANIPULATOR REPAIR	21DEC00	164.00

1995 - 2000

Dose by Activity

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO: 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

DOSE BY ACTIVITY - PNL & KEH

TOTAL USAGE FOR YEAR

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
CRAFT	-	()						
KEH	-							
BC132A95A	CAMERA & EQUIP MAINT.	64	64					
BC132A95B	CAMERA & EQUIP MAINT.	64	64					
BC132A95C	CAMERA & EQUIP MAINT.	64	64					
BC132A95D	CAMERA & EQUIP MAINT.	64	64					
BC132A95E	CAMERA & EQUIP MAINT.	64	64					
BC132A95F	CAMERA & EQUIP MAINT.	64	64					
BC132A95G	CAMERA & EQUIP MAINT.	64	64					
BC132A95H	CAMERA & EQUIP MAINT.	64	64					
BC132A95I	CAMERA & EQUIP MAINT.	64	64					
BC132A95J	CAMERA & EQUIP MAINT.	64	64					
BC132A95K	CAMERA & EQUIP MAINT.	64	64					
BC132A95L	CAMERA & EQUIP MAINT.	64	64					
BC132A96A	CAMERA & EQUIP MAINT.	64		64				
BC132A96B	CAMERA & EQUIP MAINT.	64		64				
BC132A96C	CAMERA & EQUIP MAINT.	64		64				
BC132A96D	CAMERA & EQUIP MAINT.	64		64				
BC132A96E	CAMERA & EQUIP MAINT.	64		64				
BC132A96F	CAMERA & EQUIP MAINT.	64		64				
BC132A96G	CAMERA & EQUIP MAINT.	64		64				
BC132A96H	CAMERA & EQUIP MAINT.	64		64				
BC132A96I	CAMERA & EQUIP MAINT.	64		64				
BC132A96J	CAMERA & EQUIP MAINT.	64		64				
BC132A96K	CAMERA & EQUIP MAINT.	64		64				
BC132A96L	CAMERA & EQUIP MAINT.	64		64				
BC132A96M	CAMERA & EQUIP MAINT.	64			64			
BC132A96N	CAMERA & EQUIP MAINT.	64			64			
BC132A96O	CAMERA & EQUIP MAINT.	64			64			
BC132A96P	CAMERA & EQUIP MAINT.	64			64			
BC132A96Q	CAMERA & EQUIP MAINT.	64			64			
BC132A96R	CAMERA & EQUIP MAINT.	64			64			
BC132A96S	CAMERA & EQUIP MAINT.	64			64			
BC132A96T	CAMERA & EQUIP MAINT.	64			64			
BC132A96U	CAMERA & EQUIP MAINT.	64			64			
BC132A96V	CAMERA & EQUIP MAINT.	64			64			
BC132A96W	CAMERA & EQUIP MAINT.	64			64			
BC132A96X	CAMERA & EQUIP MAINT.	64			64			
BC132A96Y	CAMERA & EQUIP MAINT.	64				64		
BC132A96Z	CAMERA & EQUIP MAINT.	64				64		
BC132A97A	CAMERA & EQUIP MAINT.	64				64		
BC132A97B	CAMERA & EQUIP MAINT.	64				64		
BC132A97C	CAMERA & EQUIP MAINT.	64				64		
BC132A97D	CAMERA & EQUIP MAINT.	64				64		
BC132A97E	CAMERA & EQUIP MAINT.	64				64		

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DOSE BY ACTIVITY - PNL & KEH

TOTAL USAGE FOR YEAR

DATA DATE 29JAN95 PAGE NO. 2

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
CRAFT	()							
KEH								
BC132A97F	CAMERA & EQUIP MAINT.	64				64		
BC132A97G	CAMERA & EQUIP MAINT.	64				64		
BC132A97H	CAMERA & EQUIP MAINT.	64				64		
BC132A97I	CAMERA & EQUIP MAINT.	64				64		
BC132A97J	CAMERA & EQUIP MAINT.	64				64		
BC132A97K	CAMERA & EQUIP MAINT.	64					64	
BC132A97L	CAMERA & EQUIP MAINT.	64					64	
BC132A97M	CAMERA & EQUIP MAINT.	64					64	
BC132A97N	CAMERA & EQUIP MAINT.	64					64	
BC132A97O	CAMERA & EQUIP MAINT.	64					64	
BC132A97P	CAMERA & EQUIP MAINT.	64					64	
BC132A97Q	CAMERA & EQUIP MAINT.	64					64	
BC132A97R	CAMERA & EQUIP MAINT.	64					64	
BC132A97S	CAMERA & EQUIP MAINT.	64					64	
BC132A97T	CAMERA & EQUIP MAINT.	64					64	
BC132A97U	CAMERA & EQUIP MAINT.	64					64	
BC132A97V	CAMERA & EQUIP MAINT.	64					64	
BC132A97W	CAMERA & EQUIP MAINT.	64						64
BC132A97X	CAMERA & EQUIP MAINT.	64						64
BC132A97Y	CAMERA & EQUIP MAINT.	64						64
BC132A97Z	CAMERA & EQUIP MAINT.	64						64
BC132A98A	CAMERA & EQUIP MAINT.	64						64
BC132A98B	CAMERA & EQUIP MAINT.	64						64
BC132A98C	CAMERA & EQUIP MAINT.	64						64
BC132A98D	CAMERA & EQUIP MAINT.	64						64
BC132A98E	CAMERA & EQUIP MAINT.	64						64
BC132A98F	CAMERA & EQUIP MAINT.	64						64
BC132A98G	CAMERA & EQUIP MAINT.	64						64
BC132A98H	CAMERA & EQUIP MAINT.	64						64
BC14120A	3.5 TON CRANE INSTALLATION	297	297					
BC14120B	3-1/2 TON CRANE INSTALLATION	273	273					
BC14120D	3 -1/2 TON CRANE INSTALLATION	273	273					
BC14120E	3 -1/2 TON CRANE INSTALLATION	273	273					
BC14120F	3 -1/2 TON CRANE INSTALLATION	273	273					
BC14120H	3 - 1/2 TON CRANE INSTALLATION	273	273					
BC14120I	3- 1/2 TON CRANE INSTALLATION	273	273					
BC14120J	3-1/2 TON CRANE INSTALLATION	189	189					
BC14120G	3 -1/2 TON CRANE INSTALLATION	273	273					
BC150055A	REMOVE 6-TON CRANE	850		850				
BC150055B	REMOVE 6-TON CRANE	850		850				
BC150055C	REMOVE 6-TON CRANE	850		850				
BC150055D	REMOVE 6-TON CRANE	850		850				
BC150055E	REMOVE 6-TON CRANE	850		850				

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

DOSE BY ACTIVITY - PHL & KEH

TOTAL USAGE FOR YEAR

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
CRAFT	-	()						
KEH	-							
BC150055F	REMOVE 6-TON CRANE	850		850				
BC150055G	REMOVE 6-TON CRANE	850		850				
BC150055H	REMOVE 6-TON CRANE	850		850				
BC150055I	REMOVE 6-TON CRANE	850		850				
BC150055J	REMOVE 6-TON CRANE	850		850				
BC150060A	INSTALL 10-TON CRANE	795		795				
BC150060B	INSTALL 10-TON CRANE	795		795				
BC150060C	INSTALL 10-TON CRANE	795		795				
BC150060D	INSTALL 10-TON CRANE	795		795				
BC150060E	INSTALL 10-TON CRANE	795		795				
BC150060F	INSTALL 10-TON CRANE	795		795				
BC150060G	INSTALL 10-TON CRANE	795		795				
BC150060H	INSTALL 10-TON CRANE	795		795				
BC150060I	INSTALL 10-TON CRANE	795		795				
BC150060J	INSTALL 10-TON CRANE	795		795				
BC160310A	INSTALLATION OF WES	895		895				
BC160310B	INSTALLATION OF WES	895		895				
BC160310C	INSTALLATION OF WES	895		895				
BC160310D	INSTALLATION OF WES	895		895				
BC160310E	INSTALLATION OF WES	895		895				
BC160310F	INSTALLATION OF WES	895		895				
BC160310G	INSTALLATION OF WES	895		895				
BC160310H	INSTALLATION OF WES	895		895				
BC160310I	INSTALLATION OF WES	895		895				
BC160310J	INSTALLATION OF WES	895		895				
BC28131	POG MODS	1580	1580					
BC28190	RH11POG FILTER CHANGEOUT	100	100					
BC50046A	CRANE MAINTENANCE	385		385				
BC50046B	CRANE MAINTENANCE	385		385				
BC50046C	CRANE MAINTENANCE	385		385				
BC50046D	CRANE MAINTENANCE	385		385				
BC50046E	CRANE MAINTENANCE	385		385				
BC60026A	CRANE MAINTENANCE	270		270				
BC60026B	CRANE MAINTENANCE	750		750				
BC60026C	CRANE MAINTENANCE	1050		1050				
BC60091A	CRANE MAINTENANCE	750			750			
BC60091B	CRANE MAINTENANCE	1250			1250			
BC60091C	CRANE MAINTENANCE	1050			1050			
BC60091D	AIRLOCK CLEANOUT	305		305				
BC622085A	INSTALL HANDLING/TRANSFER SYSTEM IN AIRLOCK	795				795		
BC622085B	INSTALL HANDLING/TRANSFER SYSTEM IN AIRLOCK	795				795		
BC622085C	INSTALL HANDLING/TRANSFER SYSTEM IN AIRLOCK	795				795		
BC622085D	INSTALL HANDLING/TRANSFER SYSTEM IN AIRLOCK	795				795		

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DOSE BY ACTIVITY - PNL & KEH

TOTAL USAGE FOR YEAR

DATA DATE 29JAN95 PAGE NO. 4

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
CRAFT	-	()						
KEH	-							
BC622085E	INSTALL HANDLING/TRANSFER SYSTEM IN AIRLOCK	795				795		
BC622085F	INSTALL HANDLING/TRANSFER SYSTEM IN AIRLOCK	795				795		
BC622085G	INSTALL HANDLING/TRANSFER SYSTEM IN AIRLOCK	795				795		
BC622085H	INSTALL HANDLING/TRANSFER SYSTEM IN AIRLOCK	795				795		
BC622085I	INSTALL HANDLING/TRANSFER SYSTEM IN AIRLOCK	795				795		
BC80017A	CRANE MAINTENANCE	750			750			
BC80017B	CRANE MAINTENANCE	750			750			
BC80130A	INSTALL CELL CLEANING EQUIP	795	795					
BC80130B	INSTALL CELL CLEANING EQUIP	795	795					
BC80130C	INSTALL CELL CLEANING EQUIP	795	795					
BC80130D	INSTALL CELL CLEANING EQUIP	795	795					
BC80130E	INSTALL CELL CLEANING EQUIP	795	795					
BC80140A	CRANE MAINTENANCE	750					750	
BC80140B	CRANE MAINTENANCE	750					750	
BC80140C	CRANE MAINTENANCE	1050					1050	
BC90025A	INSTALL DUCT CLEANING EQUIP	795				795		
BC90025B	INSTALL DUCT CLEANING EQUIP	795				795		
BC90025C	INSTALL DUCT CLEANING EQUIP	795				795		
BC90025D	INSTALL DUCT CLEANING EQUIP	795				795		
BC90025E	INSTALL DUCT CLEANING EQUIP	795				795		
BC90040A	CRANE MAINTENANCE	750					750	
BC90040B	CRANE MAINTENANCE	750					750	
BC90040C	CRANE MAINTENANCE	1050					1050	
BCMC8020A	INSTALL COMPACTOR	477	477					
BCMC8020B	INSTALL COMPACTOR	477	477					
CC500	C-CELL DECON	975	975					
CC502	C-CELL DECON	975	975					
CC503	C-CELL DECON	975	975					
CC510	CRANE REMOVAL	3300	3300					
CC520	CRANE INSTALLATION	3155	3155					
CC522	CRANE INSTALLATION	2300	2300					
CC530	DECON AND WASTE HAUL	1125	1125					
CC532	DECON AND WASTE HAUL	1125	1125					
CC534	DECON AND WASTE HAUL	1125	1125					
SM400566R	CAMERA & EQUIP MAINT.	64	64					
SM400566R6	CAMERA & EQUIP MAINT.	64		64				
SM400566R7	CAMERA & EQUIP MAINT.	64			64			
SM400566S	CAMERA & EQUIP MAINT.	64	64					
SM400566S6	CAMERA & EQUIP MAINT.	64		64				
SM400566S7	CAMERA & EQUIP MAINT.	64			64			
SM400566T	CAMERA & EQUIP MAINT.	64	64					
SM400566T6	CAMERA & EQUIP MAINT.	64		64				
SM400566T7	CAMERA & EQUIP MAINT.	64			64			

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DOSE BY ACTIVITY - PHL & KEH

TOTAL USAGE FOR YEAR

DATA DATE 29JAN95 PAGE NO. 5

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
CRAFT	()							
KEH								
SMF300	ENTRY TO SOUTH CELL	2150	2150					
SMF305	HEPA CHANGES	560	560					
SMF310	HEPA CHANGES	560	560					
SMF315	HEPA CHANGES	560	560					
SMF320	HEPA CHANGES	560	560					
SMF325	HEPA CHANGES	560	560					
SMF330	HEPA CHANGES	560	560					
SUBTOTAL KEH		85235	30531	30660	5510	11898	5868	768
PHL								
BC11210A	UHP DECON SYS. INSTALLED IN AIRLOCK	700	700					
BC11210B	UHP DECON SYS. INSTALLED IN AIRLOCK	240	240					
BC28191	RM11POG FILTER CHANGOUT	80	80					
BC28193	RM11POG FILTER CHANGOUT	80		80				
BC28194	RM11POG FILTER CHANGOUT	80		80				
BC28195	RM11POG FILTER CHANGOUT	80		80				
BC28196	RM11POG FILTER CHANGOUT	80		80				
BC28197	RM11POG FILTER CHANGOUT	80			80			
BC28198	RM11POG FILTER CHANGOUT	80			80			
BC28199	RM11POG FILTER CHANGOUT	80			80			
BC28200	RM11POG FILTER CHANGOUT	80			80			
BC28201	RM11POG FILTER CHANGOUT	80				80		
BC28202	RM11POG FILTER CHANGOUT	80				80		
BC28203	RM11POG FILTER CHANGOUT	80				80		
BC28204	RM11POG FILTER CHANGOUT	80				80		
BC28205	RM11POG FILTER CHANGOUT	80					80	
BC28206	RM11POG FILTER CHANGOUT	80					80	
BC28208	RM11POG FILTER CHANGOUT	80				80		
BC28209	RM11POG FILTER CHANGOUT	80				80		
BC28210	RM11POG FILTER CHANGOUT	80					80	
BC28211	RM11POG FILTER CHANGOUT	80					80	
BC400565	B-CELL MANIPULATOR CHANGE	10	10					
BC400566	B-CELL MANIPULATOR CHANGE	10	10					
BC400567	B-CELL MANIPULATOR CHANGE	10	10					
BC400568	B-CELL MANIPULATOR CHANGE	10	10					
BC400569	B-CELL MANIPULATOR CHANGE	10	10					
BC400570	B-CELL MANIPULATOR CHANGE	10	10					
BC400571	B-CELL MANIPULATOR CHANGE	10	10					
BC400572	B-CELL MANIPULATOR CHANGE	10	10					
BC400573	B-CELL MANIPULATOR CHANGE	10	10					
BC400574	B-CELL MANIPULATOR CHANGE	10	10					

BATTLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 6

DOSE BY ACTIVITY - PNL & KEH

TOTAL USAGE FOR YEAR

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
CRAFT	-	()						
PNL								
BC400575	B-CELL MANIPULATOR CHANGE	10	10					
BC400576	B-CELL MANIPULATOR CHANGE	10	10					
BC400577	B-CELL MANIPULATOR CHANGE	10		10				
BC400578	B-CELL MANIPULATOR CHANGE	10		10				
BC400579	B-CELL MANIPULATOR CHANGE	10		10				
BC40057F	MANIPULATOR REPAIR	100	100					
BC40057G	MANIPULATOR REPAIR	100	100					
BC40057H	MANIPULATOR REPAIR	100	100					
BC40057I	MANIPULATOR REPAIR	100	100					
BC40057J	MANIPULATOR REPAIR	100	100					
BC40057K	MANIPULATOR REPAIR	100	100					
BC40057L	MANIPULATOR REPAIR	100	100					
BC40057M	MANIPULATOR REPAIR	100	100					
BC40057N	MANIPULATOR REPAIR	100	100					
BC40057O	MANIPULATOR REPAIR	100	100					
BC40057P	MANIPULATOR REPAIR	100	100					
BC40057Q	MANIPULATOR REPAIR	100	100					
BC40058	MANIPULATOR REPAIR	100		100				
BC400580	B-CELL MANIPULATOR CHANGE	10		10				
BC400581	B-CELL MANIPULATOR CHANGE	10		10				
BC400582	B-CELL MANIPULATOR CHANGE	10		10				
BC400583	B-CELL MANIPULATOR CHANGE	10		10				
BC400584	B-CELL MANIPULATOR CHANGE	10		10				
BC400585	B-CELL MANIPULATOR CHANGE	10		10				
BC400586	B-CELL MANIPULATOR CHANGE	10		10				
BC400587	B-CELL MANIPULATOR CHANGE	10		10				
BC400588	B-CELL MANIPULATOR CHANGE	10		10				
BC400589	B-CELL MANIPULATOR CHANGE	10			10			
BC40059	MANIPULATOR REPAIR	100		100				
BC400590	B-CELL MANIPULATOR CHANGE	10			10			
BC400591	B-CELL MANIPULATOR CHANGE	10			10			
BC400592	B-CELL MANIPULATOR CHANGE	10			10			
BC400593	B-CELL MANIPULATOR CHANGE	10			10			
BC400594	B-CELL MANIPULATOR CHANGE	10			10			
BC400595	B-CELL MANIPULATOR CHANGE	10			10			
BC400596	B-CELL MANIPULATOR CHANGE	10			10			
BC400597	B-CELL MANIPULATOR CHANGE	10			10			
BC400598	B-CELL MANIPULATOR CHANGE	10			10			
BC400599	B-CELL MANIPULATOR CHANGE	10			10			
BC40060	MANIPULATOR REPAIR	100		100				
BC400600	B-CELL MANIPULATOR CHANGE	10			10			
BC400601	B-CELL MANIPULATOR CHANGE	10				10		
BC400602	B-CELL MANIPULATOR CHANGE	10				10		

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 7

DOSE BY ACTIVITY - PNL & KEH

TOTAL USAGE FOR YEAR

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
CRAFT	()							
PNL								
BC400603	B-CELL MANIPULATOR CHANGE	10				10		
BC400604	B-CELL MANIPULATOR CHANGE	10				10		
BC400605	B-CELL MANIPULATOR CHANGE	10				10		
BC400606	B-CELL MANIPULATOR CHANGE	10				10		
BC400607	B-CELL MANIPULATOR CHANGE	10				10		
BC400608	B-CELL MANIPULATOR CHANGE	10				10		
BC400609	B-CELL MANIPULATOR CHANGE	10				10		
BC40061	MANIPULATOR REPAIR	100		100				
BC400610	B-CELL MANIPULATOR CHANGE	10				10		
BC400611	B-CELL MANIPULATOR CHANGE	10				10		
BC400612	B-CELL MANIPULATOR CHANGE	10				10		
BC400613	B-CELL MANIPULATOR CHANGE	10					10	
BC400614	B-CELL MANIPULATOR CHANGE	10					10	
BC400615	B-CELL MANIPULATOR CHANGE	10					10	
BC400616	B-CELL MANIPULATOR CHANGE	10					10	
BC400617	B-CELL MANIPULATOR CHANGE	10					10	
BC400618	B-CELL MANIPULATOR CHANGE	10					10	
BC400619	B-CELL MANIPULATOR CHANGE	10					10	
BC40062	MANIPULATOR REPAIR	100		100				
BC400620	B-CELL MANIPULATOR CHANGE	10					10	
BC400621	B-CELL MANIPULATOR CHANGE	10					10	
BC400622	B-CELL MANIPULATOR CHANGE	10					10	
BC400623	B-CELL MANIPULATOR CHANGE	10					10	
BC400624	B-CELL MANIPULATOR CHANGE	10					10	
BC400625	B-CELL MANIPULATOR CHANGE	10						10
BC400626	B-CELL MANIPULATOR CHANGE	10						10
BC400627	B-CELL MANIPULATOR CHANGE	10						10
BC400628	B-CELL MANIPULATOR CHANGE	10						10
BC400629	B-CELL MANIPULATOR CHANGE	10						10
BC40063	MANIPULATOR REPAIR	100		100				
BC400630	B-CELL MANIPULATOR CHANGE	10						10
BC400631	B-CELL MANIPULATOR CHANGE	10						10
BC400632	B-CELL MANIPULATOR CHANGE	10						10
BC400633	B-CELL MANIPULATOR CHANGE	10						10
BC400634	B-CELL MANIPULATOR CHANGE	10						10
BC400635	B-CELL MANIPULATOR CHANGE	10						10
BC400636	B-CELL MANIPULATOR CHANGE	10						10
BC40064	MANIPULATOR REPAIR	100		100				
BC40065	MANIPULATOR REPAIR	100		100				
BC40066	MANIPULATOR REPAIR	100		100				
BC40067	MANIPULATOR REPAIR	100		100				
BC40068	MANIPULATOR REPAIR	100		100				
BC40069	MANIPULATOR REPAIR	100		100				

BATTTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DOSE BY ACTIVITY - PNL & KEH

TOTAL USAGE FOR YEAR

DATA DATE 29JAN95 PAGE NO. 8

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
CRAFT	-	()						
PNL								
BC40070	MANIPULATOR REPAIR	100			100			
BC40071	MANIPULATOR REPAIR	100			100			
BC40072	MANIPULATOR REPAIR	100			100			
BC40073	MANIPULATOR REPAIR	100			100			
BC40074	MANIPULATOR REPAIR	100			100			
BC40075	MANIPULATOR REPAIR	100			100			
BC40076	MANIPULATOR REPAIR	100			100			
BC40077	MANIPULATOR REPAIR	100			100			
BC40078	MANIPULATOR REPAIR	100			100			
BC40079	MANIPULATOR REPAIR	100			100			
BC40080	MANIPULATOR REPAIR	100			100			
BC40081	MANIPULATOR REPAIR	100			100			
BC40082	MANIPULATOR REPAIR	100				100		
BC40083	MANIPULATOR REPAIR	100				100		
BC40084	MANIPULATOR REPAIR	100				100		
BC40085	MANIPULATOR REPAIR	100				100		
BC40086	MANIPULATOR REPAIR	100				100		
BC40087	MANIPULATOR REPAIR	100				100		
BC40088	MANIPULATOR REPAIR	100				100		
BC40089	MANIPULATOR REPAIR	100				100		
BC40090	MANIPULATOR REPAIR	100				100		
BC40091	MANIPULATOR REPAIR	100				100		
BC40092	MANIPULATOR REPAIR	100				100		
BC40093	MANIPULATOR REPAIR	100				100		
BC40094	MANIPULATOR REPAIR	100					100	
BC40095	MANIPULATOR REPAIR	100					100	
BC40096	MANIPULATOR REPAIR	100					100	
BC40097	MANIPULATOR REPAIR	100					100	
BC40098	MANIPULATOR REPAIR	100					100	
BC40099	MANIPULATOR REPAIR	100					100	
BC40100	MANIPULATOR REPAIR	100					100	
BC40101	MANIPULATOR REPAIR	100					100	
BC40102	MANIPULATOR REPAIR	100					100	
BC40103	MANIPULATOR REPAIR	100					100	
BC40104	MANIPULATOR REPAIR	100					100	
BC40105	MANIPULATOR REPAIR	100					100	
BC40106	MANIPULATOR REPAIR	100						100
BC40107	MANIPULATOR REPAIR	100						100
BC40108	MANIPULATOR REPAIR	100						100
BC40109	MANIPULATOR REPAIR	100						100
BC40110	MANIPULATOR REPAIR	100						100
BC40111	MANIPULATOR REPAIR	100						100
BC40112	MANIPULATOR REPAIR	100						100

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 9

DOSE BY ACTIVITY - PNL & KEH

TOTAL USAGE FOR YEAR

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
CRAFT	-	()						
PNL								
BC40113	MANIPULATOR REPAIR	100						100
BC40114	MANIPULATOR REPAIR	100						100
BC40115	MANIPULATOR REPAIR	100						100
BC40116	MANIPULATOR REPAIR	100						100
BC40117	MANIPULATOR REPAIR	100						100
BC500086A	CRANE MAINTENANCE	500	500					
BC500086B	CRANE MAINTENANCE	500	500					
BC500086C	CRANE MAINTENANCE	500	500					
BC600090A	REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH	700			700			
BC600090B	REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH	700			700			
BC600090C	REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH	700			700			
BC600090D	REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH	700			700			
BC600090E	REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH	700			700			
BC600090F	REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH	700			700			
BC600090G	REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH	700			700			
BC600090H	REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH	700			700			
BC600090I	REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH	700			700			
BC600090J	REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH	700			700			
BC600220A	REMOVE PIPETRENCH COVER BLOCKS	420	420					
BC600220B	REMOVE PIPETRENCH COVER BLOCKS	420	420					
BC600220C	REMOVE PIPETRENCH COVER BLOCKS	420	420					
BC600220D	REMOVE PIPETRENCH COVERBLOCKS	420	420					
SM400020	PM ON BLDG HOT CELL EXHAUST	20	20					
SM4000206	PM ON BLDG HOT CELL EXHAUST	20		20				
SM4000207	PM ON BLDG HOT CELL EXHAUST	20			20			
SM400025	B-CELL SHIELDED DOOR PREV. MAINT.	800	800					
SM4000256	B-CELL SHIELDED DOOR PREV. MAINT.	800		800				
SM4000257	B-CELL SHIELDED DOOR PREV. MAINT.	800			800			
SM400415B	D-CELL CRANE PREV. MAINT.	1600	1600					
SM400415B6	D-CELL CRANE PREV. MAINT.	1600		1600				
SM400415B7	D-CELL CRANE PREV. MAINT.	1600			1600			
SM400415C	S-CELL PAR PREV. MAINT.	1600	1600					
SM400415C6	S-CELL PAR PREV. MAINT.	1600		1600				
SM400415C7	S-CELL PAR PREV. MAINT.	1600			1600			
SM400415D	E-CELL PAR PREV. MAINT.	120	120					
SM400415D6	E-CELL PAR PREV. MAINT.	120		120				
SM400415D7	E-CELL PAR PREV. MAINT.	120			120			
SM400415E	E-CELL CRANE PREV. MAINT.	120	120					
SM400415E6	E-CELL CRANE PREV. MAINT.	120		120				
SM400415E7	E-CELL CRANE PREV. MAINT.	120			120			
SM400415F	SMF AL CRANE PREV. MAINT.	120	120					
SM400415F6	SMF AL CRANE PREV. MAINT.	120		120				
SM400415F7	SMF AL CRANE PREV. MAINT.	120			120			

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 10

DOSE BY ACTIVITY - PNL & KEH

TOTAL USAGE FOR YEAR

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
CRAFT	-	()						
PNL								
SM400415M	C-CELL CRANE PREV. MAINT.	800		800				
SM400415M7	C-CELL CRANE PREV. MAINT.	800			800			
SM400415M6	S-CELL CRANE PREV. MAINT.	1600		1600				
SM400415M7	S-CELL CRANE PREV. MAINT.	1600			1600			
SM400565	MANIPULATOR CHANGE	10	10					
SM4005656	MANIPULATOR CHANGE	10		10				
SM4005657	MANIPULATOR CHANGE	10			10			
SM4005658	MANIPULATOR CHANGE	10	10					
SM400565B6	MANIPULATOR CHANGE	10		10				
SM400565C	MANIPULATOR CHANGE	10	10					
SM400565C6	MANIPULATOR CHANGE	10		10				
SM400565C7	MANIPULATOR CHANGE	10			10			
SM400565D	MANIPULATOR CHANGE	10	10					
SM400565D6	MANIPULATOR CHANGE	10		10				
SM400565D7	MANIPULATOR CHANGE	10			10			
SM400567D	MANIPULATOR REPAIR	100	100					
SM400567D6	MANIPULATOR REPAIR	100		100				
SM400567D7	MANIPULATOR REPAIR	100			100			
SM400567E	MANIPULATOR REPAIR	100	100					
SM400567E6	MANIPULATOR REPAIR	100		100				
SM400567E7	MANIPULATOR REPAIR	100			100			
SM400567F	MANIPULATOR REPAIR	100	100					
SM400567F6	MANIPULATOR REPAIR	100		100				
SM400567F7	MANIPULATOR REPAIR	100			100			
SM400567G	MANIPULATOR REPAIR	100	100					
SM400567G6	MANIPULATOR REPAIR	100		100				
SM400567G7	MANIPULATOR REPAIR	100			100			
SM400567H	MANIPULATOR REPAIR	100	100					
SM400567H6	MANIPULATOR REPAIR	100		100				
SM400567H7	MANIPULATOR REPAIR	100			100			
SM400567I	MANIPULATOR REPAIR	100	100					
SM400567I6	MANIPULATOR REPAIR	100		100				
SM400567I7	MANIPULATOR REPAIR	100			100			
SM400567J	MANIPULATOR REPAIR	100	100					
SM400567J6	MANIPULATOR REPAIR	100		100				
SM400567J7	MANIPULATOR REPAIR	100			100			
SM400567K	MANIPULATOR REPAIR	100	100					
SM400567K6	MANIPULATOR REPAIR	100		100				
SM400567K7	MANIPULATOR REPAIR	100			100			
SM400567L	MANIPULATOR REPAIR	100	100					
SM400567L6	MANIPULATOR REPAIR	100		100				
SM400567L7	MANIPULATOR REPAIR	100			100			
SM400567M	MANIPULATOR REPAIR	100	100					

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DOSE BY ACTIVITY - PHL & KEH

TOTAL USAGE FOR YEAR

DATA DATE 29JAN95 PAGE NO. 11

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
CRAFT	()							
PHL								
SM400567M6	MANIPULATOR REPAIR	100		100				
SM400567M7	MANIPULATOR REPAIR	100			100			
SM40056B7	MANIPULATOR CHANGE	10			10			
SM40056E	MANIPULATOR CHANGE	10	10					
SM40056E6	MANIPULATOR CHANGE	10		10				
SM40056E7	MANIPULATOR CHANGE	10			10			
SM40056F	MANIPULATOR CHANGE	10	10					
SM40056F6	MANIPULATOR CHANGE	10		10				
SM40056F7	MANIPULATOR CHANGE	10			10			
SM40056G	MANIPULATOR CHANGE	10	10					
SM40056G6	MANIPULATOR CHANGE	10		10				
SM40056G7	MANIPULATOR CHANGE	10			10			
SM40056H	MANIPULATOR CHANGE	10	10					
SM40056H6	MANIPULATOR CHANGE	10		10				
SM40056H7	MANIPULATOR CHANGE	10			10			
SM40056I	MANIPULATOR CHANGE	10	10					
SM40056I6	MANIPULATOR CHANGE	10		10				
SM40056I7	MANIPULATOR CHANGE	10			10			
SM40056J	MANIPULATOR CHANGE	10	10					
SM40056J6	MANIPULATOR CHANGE	10		10				
SM40056J7	MANIPULATOR CHANGE	10			10			
SM500315	STATIC PRESSURE ALARM TEST	10	10					
SM5003156	STATIC PRESSURE ALARM TEST	10		10				
SM5003157	STATIC PRESSURE ALARM TEST	10			10			
SM500315B	STATIC PRESSURE ALARM TEST	10	10					
SM500315B6	STATIC PRESSURE ALARM TEST	10		10				
SM500315B7	STATIC PRESSURE ALARM TEST	10			10			
SM500315C	STATIC PRESSURE ALARM TEST	10	10					
SM500315C6	STATIC PRESSURE ALARM TEST	10		10				
SM500315C7	STATIC PRESSURE ALARM TEST	10			10			
SM500315D	STATIC PRESSURE ALARM TEST	10	10					
SM500315D6	STATIC PRESSURE ALARM TEST	10		10				
SM500315D7	STATIC PRESSURE ALARM TEST	10			10			
SM500315E	STATIC PRESSURE ALARM TEST	10	10					
SM500315E6	STATIC PRESSURE ALARM TEST	10		10				
SM500315E7	STATIC PRESSURE ALARM TEST	10			10			
SM500315F	STATIC PRESSURE ALARM TEST	10	10					
SM500315F6	STATIC PRESSURE ALARM TEST	10		10				
SM500315F7	STATIC PRESSURE ALARM TEST	10			10			
SM500315G	STATIC PRESSURE ALARM TEST	10	10					
SM500315G6	STATIC PRESSURE ALARM TEST	10		10				
SM500315G7	STATIC PRESSURE ALARM TEST	10			10			
SM500315H	STATIC PRESSURE ALARM TEST	10	10					

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DOSE BY ACTIVITY - PNL & KEH

TOTAL USAGE FOR YEAR

DATA DATE 29JAN95 PAGE NO. 12

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
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CRAFT - ()

PNL

SM500315H6	STATIC PRESSURE ALARM TEST	10		10				
SM500315H7	STATIC PRESSURE ALARM TEST	10			10			
SM500315I	STATIC PRESSURE ALARM TEST	10	10					
SM500315I6	STATIC PRESSURE ALARM TEST	10		10				
SM500315I7	STATIC PRESSURE ALARM TEST	10			10			
SM500315J	STATIC PRESSURE ALARM TEST	10	10					
SM500315J6	STATIC PRESSURE ALARM TEST	10		10				
SM500315J7	STATIC PRESSURE ALARM TEST	10			10			
SM500315K	STATIC PRESSURE ALARM TEST	5	5					
SM500315K6	STATIC PRESSURE ALARM TEST	10		10				
SM500315K7	STATIC PRESSURE ALARM TEST	10			10			
SM500315L	STATIC PRESSURE ALARM TEST	10	10					
SM500315L6	STATIC PRESSURE ALARM TEST	10		10				
SM500315L7	STATIC PRESSURE ALARM TEST	10			10			
SM901375	C-CELL SHIELDED DOOR PREV. MAINT.	800	800					
SM9013756	C-CELL SHIELDED DOOR PREV. MAINT.	800		800				
SM9013757	C-CELL SHIELDED DOOR PREV. MAINT.	800			800			
SM901380	D-CELL SHIELDED DOOR PREV. MAINT.	800	800					
SM9013806	D-CELL SHIELDED DOOR PREV. MAINT.	800		800				
SM9013807	D-CELL SHIELDED DOOR PREV. MAINT.	800			800			
SM901385	SMF SHIELDED DOOR PREV. MAINT.	15	15					
SM9013856	SMF SHIELDED DOOR PREV. MAINT.	15		15				
SM9013857	SMF SHIELDED DOOR PREV. MAINT.	15			15			
SM901685	HEPA (A-FRAME)	600	600					
SM9016856	HEPA (A-FRAME)	600		600				
SM9016858	HEPA (A-FRAME)	600	600					
SM90168586	HEPA (A-FRAME)	600		600				
SM90168587	HEPA (A-FRAME)	600			600			
SM9016957	HEPA (A-FRAME)	600			600			
SM400415H	S-CELL CRANE PREV. MAINT.	1600	1600					

SUBTOTAL PNL

52200	15530	12455	19455	1800	1640	1320
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TOTAL CRAFT

137435	46061	43115	24965	13698	7508	2088
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HCO - ()

PNL

BC11210A	UHP DECON SYS. INSTALLED IN AIRLOCK	315	315				
BC11210B	UHP DECON SYS. INSTALLED IN AIRLOCK	215	215				
BC150050A	DECONTAMINATION 6-TON CRANE	270		270			

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 13

DOSE BY ACTIVITY - PNL & KEH

TOTAL USAGE FOR YEAR

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
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HCO	-	()						
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PNL

BC150050B	DECONTAMINATE 6-TON CRANE	270		270				
BC28070A	REMOVE JUMPERS	169	169					
BC28070B	REMOVE JUMPERS	236	236					
BC28191	RM11POG FILTER CHANGEOUT	30	30					
BC28193	RM11POG FILTER CHANGEOUT	20		20				
BC28194	RM11POG FILTER CHANGEOUT	20		20				
BC28195	RM11POG FILTER CHANGEOUT	20		20				
BC28196	RM11POG FILTER CHANGEOUT	20		20				
BC28197	RM11POG FILTER CHANGEOUT	20			20			
BC28198	RM11POG FILTER CHANGEOUT	20			20			
BC28199	RM11POG FILTER CHANGEOUT	20			20			
BC28200	RM11POG FILTER CHANGEOUT	20			20			
BC28201	RM11POG FILTER CHANGEOUT	20				20		
BC28202	RM11POG FILTER CHANGEOUT	20				20		
BC28203	RM11POG FILTER CHANGEOUT	20				20		
BC28204	RM11POG FILTER CHANGEOUT	20				20		
BC28205	RM11POG FILTER CHANGEOUT	20					20	
BC28206	RM11POG FILTER CHANGEOUT	20					20	
BC28208	RM11POG FILTER CHANGEOUT	20				20		
BC28209	RM11POG FILTER CHANGEOUT	20				20		
BC28210	RM11POG FILTER CHANGEOUT	20					20	
BC28211	RM11POG FILTER CHANGEOUT	20					20	
BC40047A	LLW CAMPAIGN #5 - 8th SHIPMENT	430	430					
BC40047B	LLW CAMPAIGN #5 - 9TH SHIPMENT	430	430					
BC40047C	LLW CAMPAIGN #5 - 10TH SHIPMENT	430	430					
BC40047D	LLW CAMPAIGN #5 - 11TH SHIPMENT	430	430					
BC40047E	LLW CAMPAIGN #5 - 12TH SHIPMENT	430	430					
BC40047F	AIRLOCK CLEANOUT	535	535					
BC40047H	LLW CAMPAIGN #5 - 13TH SHIPMENT	430	430					
BC40047I	LLW WASTE CAMPAIGN #5 - 14TH SHIPMENT	430	430					
BC40047J	LLW CAMPAIGN #5 - 15TH SHIPMENT	430	430					
BC40047K	LLW CAMPAIGN #5 - 16TH SHIPMENT	430	430					
BC40047L	LLW CAMPAIGN #5 - 17TH SHIPMENT	430	430					
BC40047M	AIRLOCK CLEANOUT	535	535					
BC40047N	LLW CAMPAIGN #5 - 18TH SHIPMENT	430	430					
BC40047O	LLW CAMPAIGN #5 - 19TH SHIPMENT	430	430					
BC40047P	LLW CAMPAIGN #5 - 20TH SHIPMENT	430	430					
BC40047Q	LLW CAMPAIGN #5 - 21ST SHIPMENT	430	430					
BC40047S	LLW CAMPAIGN #5 - 23RD SHIPMENT	258	258					
BC40047U	LLW CAMPAIGN #5 - 24TH SHIPMENT	258	258					
BC40047X	AIRLOCK CLEANOUT	321	321					
BC40048R	LLW CAMPAIGN #5 - 22ND SHIPMENT	430	430					
BC400565	B-CELL MANIPULATOR CHANGE	40	40					

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20.

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 14

DOSE BY ACTIVITY - PNL & KEH

TOTAL USAGE FOR YEAR

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
HCO	-	()						
PNL								
BC400566	B-CELL MANIPULATOR CHANGE	40	40					
BC400567	B-CELL MANIPULATOR CHANGE	40	40					
BC400568	B-CELL MANIPULATOR CHANGE	40	40					
BC400569	B-CELL MANIPULATOR CHANGE	40	40					
BC400570	B-CELL MANIPULATOR CHANGE	40	40					
BC400571	B-CELL MANIPULATOR CHANGE	40	40					
BC400572	B-CELL MANIPULATOR CHANGE	40	40					
BC400573	B-CELL MANIPULATOR CHANGE	40	40					
BC400574	B-CELL MANIPULATOR CHANGE	40	40					
BC400575	B-CELL MANIPULATOR CHANGE	40	40					
BC400576	B-CELL MANIPULATOR CHANGE	40	40					
BC400577	B-CELL MANIPULATOR CHANGE	40		40				
BC400578	B-CELL MANIPULATOR CHANGE	40		40				
BC400579	B-CELL MANIPULATOR CHANGE	40		40				
BC40057F	MANIPULATOR REPAIR	80	80					
BC40057G	MANIPULATOR REPAIR	80	80					
BC40057H	MANIPULATOR REPAIR	80	80					
BC40057I	MANIPULATOR REPAIR	80	80					
BC40057J	MANIPULATOR REPAIR	80	80					
BC40057K	MANIPULATOR REPAIR	80	80					
BC40057L	MANIPULATOR REPAIR	80	80					
BC40057M	MANIPULATOR REPAIR	64	64					
BC40057N	MANIPULATOR REPAIR	64	64					
BC40057O	MANIPULATOR REPAIR	64	64					
BC40057P	MANIPULATOR REPAIR	64	64					
BC40057Q	MANIPULATOR REPAIR	64	64					
BC40058	MANIPULATOR REPAIR	64		64				
BC400580	B-CELL MANIPULATOR CHANGE	24		24				
BC400581	B-CELL MANIPULATOR CHANGE	24		24				
BC400582	B-CELL MANIPULATOR CHANGE	24		24				
BC400583	B-CELL MANIPULATOR CHANGE	24		24				
BC400584	B-CELL MANIPULATOR CHANGE	24		24				
BC400585	B-CELL MANIPULATOR CHANGE	24		24				
BC400586	B-CELL MANIPULATOR CHANGE	24		24				
BC400587	B-CELL MANIPULATOR CHANGE	24		24				
BC400588	B-CELL MANIPULATOR CHANGE	24		24				
BC400589	B-CELL MANIPULATOR CHANGE	24			24			
BC40059	MANIPULATOR REPAIR	64		64				
BC400590	B-CELL MANIPULATOR CHANGE	24			24			
BC400591	B-CELL MANIPULATOR CHANGE	24			24			
BC400592	B-CELL MANIPULATOR CHANGE	24			24			
BC400593	B-CELL MANIPULATOR CHANGE	24			24			
BC400594	B-CELL MANIPULATOR CHANGE	24			24			

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 15

DOSE BY ACTIVITY - PNL & KEH

TOTAL USAGE FOR YEAR

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
HCO		()						
PNL								
BC400595	B-CELL MANIPULATOR CHANGE	24			24			
BC400596	B-CELL MANIPULATOR CHANGE	24			24			
BC400597	B-CELL MANIPULATOR CHANGE	24			24			
BC400598	B-CELL MANIPULATOR CHANGE	24			24			
BC400599	B-CELL MANIPULATOR CHANGE	24			24			
BC400600	MANIPULATOR REPAIR	64		64				
BC400600	B-CELL MANIPULATOR CHANGE	24			24			
BC400601	B-CELL MANIPULATOR CHANGE	24				24		
BC400602	B-CELL MANIPULATOR CHANGE	24				24		
BC400603	B-CELL MANIPULATOR CHANGE	24				24		
BC400604	B-CELL MANIPULATOR CHANGE	24				24		
BC400605	B-CELL MANIPULATOR CHANGE	24				24		
BC400606	B-CELL MANIPULATOR CHANGE	24				24		
BC400607	B-CELL MANIPULATOR CHANGE	24				24		
BC400608	B-CELL MANIPULATOR CHANGE	24				24		
BC400609	B-CELL MANIPULATOR CHANGE	24				24		
BC400610	MANIPULATOR REPAIR	64		64				
BC400610	B-CELL MANIPULATOR CHANGE	24				24		
BC400611	B-CELL MANIPULATOR CHANGE	24				24		
BC400612	B-CELL MANIPULATOR CHANGE	24				24		
BC400613	B-CELL MANIPULATOR CHANGE	24					24	
BC400614	B-CELL MANIPULATOR CHANGE	24					24	
BC400615	B-CELL MANIPULATOR CHANGE	24					24	
BC400616	B-CELL MANIPULATOR CHANGE	24					24	
BC400617	B-CELL MANIPULATOR CHANGE	24					24	
BC400618	B-CELL MANIPULATOR CHANGE	24					24	
BC400619	B-CELL MANIPULATOR CHANGE	24					24	
BC400620	MANIPULATOR REPAIR	64		64				
BC400620	B-CELL MANIPULATOR CHANGE	24					24	
BC400621	B-CELL MANIPULATOR CHANGE	24					24	
BC400622	B-CELL MANIPULATOR CHANGE	24					24	
BC400623	B-CELL MANIPULATOR CHANGE	24					24	
BC400624	B-CELL MANIPULATOR CHANGE	24					24	
BC400625	B-CELL MANIPULATOR CHANGE	24						24
BC400626	B-CELL MANIPULATOR CHANGE	24						24
BC400627	B-CELL MANIPULATOR CHANGE	24						24
BC400628	B-CELL MANIPULATOR CHANGE	24						24
BC400629	B-CELL MANIPULATOR CHANGE	24						24
BC400630	MANIPULATOR REPAIR	64		64				
BC400630	B-CELL MANIPULATOR CHANGE	24						24
BC400631	B-CELL MANIPULATOR CHANGE	24						24
BC400632	B-CELL MANIPULATOR CHANGE	24						24
BC400633	B-CELL MANIPULATOR CHANGE	24						24

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUH NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DOSE BY ACTIVITY - PNL & KEH

TOTAL USAGE FOR YEAR

DATA DATE 29JAN95 PAGE NO. 16

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
HCO	-	()						
PNL								
BC400634	B-CELL MANIPULATOR CHANGE	24						24
BC400635	B-CELL MANIPULATOR CHANGE	24						24
BC400636	B-CELL MANIPULATOR CHANGE	24						24
BC40064	MANIPULATOR REPAIR	64		64				
BC40065	MANIPULATOR REPAIR	64		64				
BC40066	MANIPULATOR REPAIR	64		64				
BC40066A	REMOVE JUMPERS	230		230				
BC40066B	REMOVE JUMPERS	230		230				
BC40066C	REMOVE JUMPERS	230		230				
BC40066D	REMOVE JUMPERS	230		230				
BC40066E	REMOVE JUMPERS	230		230				
BC40066F	REMOVE JUMPERS	230		230				
BC40066G	REMOVE JUMPERS	230		230				
BC40066H	REMOVE JUMPERS	230		230				
BC40066I	REMOVE JUMPERS	230		230				
BC40066J	REMOVE JUMPERS	230		230				
BC40067	MANIPULATOR REPAIR	64		64				
BC40068	MANIPULATOR REPAIR	64		64				
BC40069	MANIPULATOR REPAIR	64		64				
BC40070	MANIPULATOR REPAIR	64			64			
BC40071	MANIPULATOR REPAIR	64			64			
BC40072	MANIPULATOR REPAIR	64			64			
BC40073	MANIPULATOR REPAIR	64			64			
BC40074	MANIPULATOR REPAIR	64			64			
BC40075	MANIPULATOR REPAIR	64			64			
BC40076	MANIPULATOR REPAIR	64			64			
BC40077	MANIPULATOR REPAIR	64			64			
BC40078	MANIPULATOR REPAIR	64			64			
BC40079	MANIPULATOR REPAIR	64			64			
BC40080	MANIPULATOR REPAIR	64			64			
BC40081	MANIPULATOR REPAIR	64			64			
BC40082	MANIPULATOR REPAIR	64				64		
BC40083	MANIPULATOR REPAIR	64				64		
BC40084	MANIPULATOR REPAIR	64				64		
BC40085	MANIPULATOR REPAIR	64				64		
BC40086	MANIPULATOR REPAIR	64				64		
BC40087	MANIPULATOR REPAIR	64				64		
BC40088	MANIPULATOR REPAIR	64				64		
BC40089	MANIPULATOR REPAIR	64				64		
BC40090	MANIPULATOR REPAIR	64				64		
BC40091	MANIPULATOR REPAIR	64				64		
BC40092	MANIPULATOR REPAIR	64				64		
BC40093	MANIPULATOR REPAIR	64				64		

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DOSE BY ACTIVITY - PNL & KEH

TOTAL USAGE FOR YEAR

DATA DATE 29JAN95 PAGE NO. 17

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
HCO		()						
PNL								
BC40094	MANIPULATOR REPAIR	64					64	
BC40095	MANIPULATOR REPAIR	64					64	
BC40096	MANIPULATOR REPAIR	64					64	
BC40097	MANIPULATOR REPAIR	64					64	
BC40098	MANIPULATOR REPAIR	64					64	
BC40099	MANIPULATOR REPAIR	64					64	
BC40100	MANIPULATOR REPAIR	64					64	
BC40101	MANIPULATOR REPAIR	64					64	
BC40102	MANIPULATOR REPAIR	64					64	
BC40103	MANIPULATOR REPAIR	64					64	
BC40104	MANIPULATOR REPAIR	64					64	
BC40105	MANIPULATOR REPAIR	64					64	
BC40106	MANIPULATOR REPAIR	64						64
BC40107	MANIPULATOR REPAIR	64						64
BC40108	MANIPULATOR REPAIR	64						64
BC40109	MANIPULATOR REPAIR	64						64
BC40110	MANIPULATOR REPAIR	64						64
BC40111	MANIPULATOR REPAIR	64						64
BC40112	MANIPULATOR REPAIR	64						64
BC40113	MANIPULATOR REPAIR	64						64
BC40114	MANIPULATOR REPAIR	64						64
BC40115	MANIPULATOR REPAIR	64						64
BC40116	MANIPULATOR REPAIR	64						64
BC40117	MANIPULATOR REPAIR	64						64
BC40255A	DECON AIRLOCK	535	535					
BC40255B	DECON AIRLOCK	535	535					
BC40255C	DECON AIRLOCK	535	535					
BC40255D	DECON AIRLOCK	535	535					
BC40255E	DECON AIRLOCK	535	535					
BC40255F	DECON AIRLOCK	535	535					
BC40255G	DECON AIRLOCK	535	535					
BC40255H	DECON AIRLOCK	535	535					
BC40255I	DECON AIRLOCK	535	535					
BC40255J	DECON AIRLOCK	535	535					
BC500086A	CRANE MAINTENANCE	250	250					
BC500086B	CRANE MAINTENANCE	250	250					
BC500086C	CRANE MAINTENANCE	550	550					
BC50046F	AIRLOCK CLEANOUT	154		154				
BC600000A	LLW CAMPAIGN #8 - 1ST SHIPMENT	230			230			
BC600000B	LLW CAMPAIGN #8 - 2ND SHIPMENT	230			230			
BC600000C	LLW CAMPAIGN #8 - 3RD SHIPMENT	230			230			
BC600000D	LLW CAMPAIGN #8 - 4TH SHIPMENT	230			230			
BC600000E	LLW CAMPAIGN #8 - 5TH SHIPMENT	230			230			

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DOSE BY ACTIVITY - PNL & KEH

TOTAL USAGE FOR YEAR

DATA DATE 29JAN95 PAGE NO. 18

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
HCO	-	()						
PNL								
BC60000F	LLW CAMPAIGN #8 - 6TH SHIPMENT	230			230			
BC60000G	LLW CAMPAIGN #8 - 7TH SHIPMENT	230			230			
BC60000H	LLW CAMPAIGN #8 - 8TH SHIPMENT	230			230			
BC60000I	AIRLOCK CLEANOUT	305			305			
BC600035A	REMOVE AIRLOCK JUMPERS	500			500			
BC600035B	REMOVE AIRLOCK JUMPERS	500			500			
BC600090A	REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH	140			140			
BC600090B	REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH	140			140			
BC600090C	REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH	140			140			
BC600090D	REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH	140			140			
BC600090E	REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH	140			140			
BC600090F	REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH	140			140			
BC600090G	REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH	140			140			
BC600090H	REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH	140			140			
BC600090I	REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH	140			140			
BC600090J	REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH	140			140			
BC600220A	REMOVE PIPETRENCH COVER BLOCKS	24	24					
BC600220B	REMOVE PIPETRENCH COVER BLOCKS	24	24					
BC600220C	REMOVE PIPETRENCH COVER BLOCKS	24	24					
BC600220D	REMOVE PIPETRENCH COVERBLOCKS	24	24					
BC600220E	REMOVE PIPETRENCH COVERBLOCKS	84	84					
BC60066A	FILTER MEDIA LOADOUT	215				215		
BC60066B	FILTER MEDIA LOADOUT	215				215		
BC60066C	FILTER MEDIA LOADOUT	215				215		
BC70000A	LLW CAMPAIGN #9 1ST SHIPMENT	230				230		
BC70000B	LLW CAMPAIGN #9 2ND SHIPMENT	230				230		
BC70000C	LLW CAMPAIGN #9 3RD SHIPMENT	230				230		
BC70000D	LLW CAMPAIGN #9 4TH SHIPMENT	230				230		
BC70000E	LLW CAMPAIGN #9 5TH SHIPMENT	230				230		
BC70000F	LLW CAMPAIGN #9 6TH SHIPMENT	230				230		
BC70000G	LLW CAMPAIGN #9 7TH SHIPMENT	230				230		
BC70000H	LLW CAMPAIGN #9 8TH SHIPMENT	230				230		
BC70000I	AIRLOCK CLEANOUT	305				305		
BC700060C	LLW CAMPAIGN #7 3RD SHIPMENT	215		215				
BC700060D	LLW CAMPAIGN #7 4TH SHIPMENT	215		215				
BC700060E	LLW CAMPAIGN #7 7TH SHIPMENT	215		215				
BC700060F	LLW CAMPAIGN #7 8TH SHIPMENT	215		215				
BC700060G	LLW CAMPAIGN # 5TH SHIPMENT	215		215				
BC700060H	LLW CAMPAIGN #7 6TH SHIPMENT	215		215				
BC700060I	LLW CAMPAIGN #7 9TH SHIPMENT	215		215				
BC700060J	LLW CAMPAIGN #7 10TH SHIPMENT	215		215				
BC700060K	AIRLOCK CLEANOUT	268		268				
BC700060L	AIRLOCK CLEANOUT	268		268				

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 19

DOSE BY ACTIVITY - PNL & KEH

TOTAL USAGE FOR YEAR

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
HCO	-	()						
PNL								
BC7000J	AIRLOCK CLEANOUT	305				305		
BC700100A	SCW LOADOUT - 1ST SHIPMENT	230				230		
BC700100B	SCW LOADOUT - 2ND SHIPMENT	230				230		
BC700100C	SCW LOADOUT - 3RD SHIPMENT	230				230		
BC700100D	SCW LOADOUT - 4TH SHIPMENT	230				230		
BC700100E	SCW LOADOUT - 5TH SHIPMENT	230				230		
BC700100F	SCW LOADOUT - 6TH SHIPMENT	230				230		
BC700100G	SCW LOADOUT - 7TH SHIPMENT	230				230		
BC700100H	SCW LOADOUT - 8TH SHIPMENT	230				230		
BC700100I	SCW LOADOUT - 9TH SHIPMENT	230				230		
BC700100J	AIRLOCK CLEANOUT	305				305		
BC700100K	AIRLOCK CLEANOUT	305				305		
BC700101A	SCW LOADOUT #3 - 1ST SHIPMENT	230				230		
BC700101B	SCW LOADOUT #3 - 2ND SHIPMENT	230				230		
BC700101C	SCW LOADOUT #3 - 3RD SHIPMENT	230				230		
BC700101D	SCW LOADOUT #3 - 4TH SHIPMENT	230				230		
BC700101E	SCW LOADOUT #3 - 5TH SHIPMENT	230				230		
BC700103A	SCW LOADOUT #2 - 1ST SHIPMENT	230				230		
BC700103B	SCW LOADOUT #2 - 2ND SHIPMENT	230				230		
BC700103C	SCW LOADOUT #2 - 3RD SHIPMENT	230					230	
BC700103D	SCW LOADOUT #2 - 4TH SHIPMENT	230					230	
BC700103E	SCW LOADOUT #2 - 5TH SHIPMENT	230					230	
BC700103F	SCW LOADOUT #2 - 6TH SHIPMENT	230					230	
BC700103G	SCW LOADOUT #2 - 7TH SHIPMENT	230					230	
BC700103H	SCW LOADOUT #2 - 8TH SHIPMENT	230					230	
BC700103I	AIRLOCK CLEANOUT	305					305	
BC700103J	AIRLOCK CLEANOUT	305					305	
BC700110A	LLW CAMPAIGN #6 - 1ST SHIPMENT	194	194					
BC700110B	LLW CAMPAIGN #6 - 2ND SHIPMENT	194	194					
BC700110C	LLW CAMPAIGN #6 3RD SHIPMENT	194	194					
BC700110D	LLW CAMPAIGN #6 - 4TH SHIPMENT	194	194					
BC700110E	LLW CAMPAIGN #6 - 5TH SHIPMENT	194	194					
BC700110F	AIRLOCK CLEANOUT	289	289					
BC700110G	LLW CAMPAIGN #6 - 6TH SHIPMENT	215	215					
BC700110H	AIRLOCK CLEANOUT	230	230					
BC700110I	LLW CAMPAIGN #6 - 9TH SHIPMENT	215	215					
BC700110J	LLW CAMPAIGN #6 - 7TH SHIPMENT	215	215					
BC700110K	LLW CAMPAIGN #6 - 10TH SHIPMENT	215	215					
BC700110L	LLW CAMPAIGN #6 - 8TH SHIPMENT	215	215					
BC70060	LLW CAMPAIGN #7 1ST SHIPMENT	215		215				
BC70060B	LLW CAMPAIGN #7 2ND SHIPMENT	215		215				
BC80017C	AIRLOCK CLEANOUT	305			305			
BC80020	DECON AIRLOCK	360				360		

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DOSE BY ACTIVITY - PNL & KEH

TOTAL USAGE FOR YEAR

DATA DATE 29JAN95 PAGE NO. 20

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
HCO	-	()						
PNL								
BC80040A	LLW CAMPAIGN #10 1ST SHIPMENT	230					230	
BC80040B	LLW CAMPAIGN #10 2ND SHIPMENT	230					230	
BC80040C	LLW CAMPAIGN #10 3RD SHIPMENT	230					230	
BC80040D	LLW CAMPAIGN #10 - 4TH SHIPMENT	230					230	
BC80040E	LLW CAMPAIGN #10 - 5TH SHIPMENT	230					230	
BC80040F	LLW CAMPAIGN #10 - 6TH SHIPMENT	230					230	
BC80040G	AIRLOCK CLEANOUT	305					305	
BC80040H	AIRLOCK CLEANOUT	305					305	
BC80047A	PKG RMW INTO OVERPACKS AND LOADOUT	230						230
BC80047B	PKG RMW INTO OVERPACKS AND LOADOUT	230						230
BC80047C	PKG RMW INTO OVERPACKS AND LOADOUT	230						230
BC80047D	PKG RMW INTO OVERPACKS AND LOADOUT	230						230
BC80047E	PKG RMW INTO OVERPACKS AND LOADOUT	230						230
BC80047F	PKG RMW INTO OVERPACKS AND LOADOUT	230						230
BC80047G	PKG RMW INTO OVERPACKS AND LOADOUT	230						230
BC80047H	PKG RMW INTO OVERPACKS AND LOADOUT	230						230
BC80047I	PKG RMW INTO OVERPACKS AND LOADOUT	230						230
BC80047J	PKG RMW INTO OVERPACKS AND LOADOUT	230						230
BC80047K	PKG RMW INTO OVERPACKS AND LOADOUT	230						230
BC80047L	PKG RMW INTO OVERPACKS AND LOADOUT	230						230
BC80047M	PKG RMW INTO OVERPACKS AND LOADOUT	230						230
BC80047N	PKG RMW INTO OVERPACKS AND LOADOUT	230						230
BC80047O	PKG RMW INTO OVERPACKS AND LOADOUT	230						230
BC80047P	PKG RMW INTO OVERPACKS AND LOADOUT	230						230
BC80047Q	PKG RMW INTO OVERPACKS AND LOADOUT	230						230
BC80047R	PKG RMW INTO OVERPACKS AND LOADOUT	230						230
BC80047S	PKG RMW INTO OVERPACKS AND LOADOUT	230						230
BC80047T	PKG RMW INTO OVERPACKS AND LOADOUT	230						230
BC80047U	AIRLOCK CLEANOUT	305					305	
BC80047V	AIRLOCK CLEANOUT	305					305	
BC80047W	AIRLOCK CLEANOUT	305					305	
BC80047X	AIRLOCK CLEANOUT	305					305	
BC80047Y	AIRLOCK CLEANOUT	305					305	
BC80051A	PKG RMW INTO OVERPACKS AND SECOND LOADOUT	230						230
BC80051B	PKG RMW INTO OVERPACKS AND SECOND LOADOUT	230						230
BC80051C	PKG RMW INTO OVERPACKS AND SECOND LOADOUT	230						230
BC80051D	PKG RMW INTO OVERPACKS AND SECOND LOADOUT	230						230
BC80051E	PKG RMW INTO OVERPACKS AND SECOND LOADOUT	230						230
BC80051F	PKG RMW INTO OVERPACKS AND SECOND LOADOUT	230						230
BC80051G	PKG RMW INTO OVERPACKS AND SECOND LOADOUT	230						230
BC80051H	PKG RMW INTO OVERPACKS AND SECOND LOADOUT	230						230
BC80051I	PKG RMW INTO OVERPACKS AND SECOND LOADOUT	230						230
BC80051J	PKG RMW INTO OVERPACKS AND SECOND LOADOUT	230						230

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 21

DOSE BY ACTIVITY - PNL & KEH

TOTAL USAGE FOR YEAR

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
HCO		()						
PNL								
BC80051K	PKG RMW INTO OVERPACKS AND SECOND LOADOUT	230						230
BC80051L	PKG RMW INTO OVERPACKS AND SECOND LOADOUT	230						230
BC80051M	PKG RMW INTO OVERPACKS AND SECOND LOADOUT	230						230
BC80051N	PKG RMW INTO OVERPACKS AND SECOND LOADOUT	230						230
BC80051O	PKG RMW INTO OVERPACKS AND SECOND LOADOUT	230						230
BC80051P	PKG RMW INTO OVERPACKS AND SECOND LOADOUT	230						230
BC80051Q	PKG RMW INTO OVERPACKS AND SECOND LOADOUT	230						230
BC80051R	PKG RMW INTO OVERPACKS AND SECOND LOADOUT	230						230
BC80051S	PKG RMW INTO OVERPACKS AND SECOND LOADOUT	230						230
BC80051T	PKG RMW INTO OVERPACKS AND SECOND LOADOUT	230						230
BC80051U	AIRLOCK CLEANOUT	305						305
BC80051V	AIRLOCK CLEANOUT	305						305
BC80051W	AIRLOCK CLEANOUT	305						305
BC80051X	AIRLOCK CLEANOUT	305						305
BC80051Y	AIRLOCK CLEANOUT	305						305
BC80053A	LLW CAMPAIGN #12 - 1st SHIPMENT	230						230
BC80053B	LLW CAMPAIGN #12 - 2ND SHIPMENT	230						230
BC80053C	LLW CAMPAIGN #12 - 3RD SHIPMENT	230						230
BC80053D	LLW CAMPAIGN #12 - 4 SHIPMENT	230						230
BC80053E	LLW CAMPAIGN #12 - 5TH SHIPMENT	230						230
BC80053F	LLW CAMPAIGN #12 - 6TH SHIPMENT	230						230
BC80053G	LLW CAMPAIGN #12 - 7TH SHIPMENT	230						230
BC80053H	AIRLOCK CLEANOUT	305						305
BC80053I	AIRLOCK CLEANOUT	460						460
BC80056A	SHIP HEPA FILTER MEDIA	215					215	
BC80056B	SHIP HEPA FILTER MEDIA	215					215	
BC90040D	AIRLOCK CLEANOUT	305					305	
BC90070A	LLW CAMPAIGN #11	230						230
BC90070B	LLW CAMPAIGN #11	230						230
BC90070C	LLW CAMPAIGN #11	230						230
BC90070D	AIRLOCK CLEANOUT	305						305
BCMFC705A	INSTALL EQUIP IN AIRLOCK	216		216				
BCMFC705B	INSTALL EQUIP IN AIRLOCK	216		216				
BCNA6030	NEUTRON ANALYZER INSTALLED IN AIRLOCK	200	200					
BCNA6030B	NEUTRON ANALYZER INSTALLED IN AIRLOCK	120	120					
BCNA603D	NEUTRON ANALYZER INSTALLED IN AIRLOCK	200	200					
BCRCR0160A	INSTALL RATED CONTAINERS	247	247					
BCRCR0160B	INSTALL RATED CONTAINERS	248	248					
BCWC8025A	FUNCTION TEST COMPACTOR	242	242					
SM400020	PM ON BLDG HOT CELL EXHAUST	15	15					
SM4000206	PM ON BLDG HOT CELL EXHAUST	15		15				
SM4000207	PM ON BLDG HOT CELL EXHAUST	15			15			
SM400025	B-CELL SHIELDED DOOR PREV. MAINT.	1015	1015					

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 22

DOSE BY ACTIVITY - PNL & KEH

TOTAL USAGE FOR YEAR

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
HCO	-	()						
PNL								
SM4000256	B-CELL SHIELDED DOOR PREV. MAINT.	1015		1015				
SM4000257	B-CELL SHIELDED DOOR PREV. MAINT.	1015			1015			
SM400415B	D-CELL CRANE PREV. MAINT.	2375	2375					
SM400415B6	D-CELL CRANE PREV. MAINT.	2375		2375				
SM400415B7	D-CELL CRANE PREV. MAINT.	2375			2375			
SM400415C	S-CELL PAR PREV. MAINT.	920	920					
SM400415C6	S-CELL PAR PREV. MAINT.	920		920				
SM400415C7	S-CELL PAR PREV. MAINT.	920			920			
SM400415D	E-CELL PAR PREV. MAINT.	65	65					
SM400415D6	E-CELL PAR PREV. MAINT.	65		65				
SM400415D7	E-CELL PAR PREV. MAINT.	65			65			
SM400415E	E-CELL CRANE PREV. MAINT.	65	65					
SM400415E6	E-CELL CRANE PREV. MAINT.	65		65				
SM400415E7	E-CELL CRANE PREV. MAINT.	65			65			
SM400415F	SMF AL CRANE PREV. MAINT.	65	65					
SM400415F6	SMF AL CRANE PREV. MAINT.	65		65				
SM400415F7	SMF AL CRANE PREV. MAINT.	65			65			
SM400415M	C-CELL CRANE PREV. MAINT.	1570		1570				
SM400415M7	C-CELL CRANE PREV. MAINT.	1570			1570			
SM400415N6	S-CELL CRANE PREV. MAINT.	920		920				
SM400415N7	S-CELL CRANE PREV. MAINT.	920			920			
SM400565	MANIPULATOR CHANGE	24	24					
SM4005656	MANIPULATOR CHANGE	24		24				
SM4005657	MANIPULATOR CHANGE	24			24			
SM400565B	MANIPULATOR CHANGE	24	24					
SM400565B6	MANIPULATOR CHANGE	24		24				
SM400565C	MANIPULATOR CHANGE	24	24					
SM400565C6	MANIPULATOR CHANGE	24		24				
SM400565C7	MANIPULATOR CHANGE	24			24			
SM400565D	MANIPULATOR CHANGE	24	24					
SM400565D6	MANIPULATOR CHANGE	24		24				
SM400565D7	MANIPULATOR CHANGE	24			24			
SM400567D	MANIPULATOR REPAIR	64	64					
SM400567D6	MANIPULATOR REPAIR	64		64				
SM400567D7	MANIPULATOR REPAIR	64			64			
SM400567E	MANIPULATOR REPAIR	64	64					
SM400567E6	MANIPULATOR REPAIR	64		64				
SM400567E7	MANIPULATOR REPAIR	64			64			
SM400567F	MANIPULATOR REPAIR	64	64					
SM400567F6	MANIPULATOR REPAIR	64		64				
SM400567F7	MANIPULATOR REPAIR	64			64			
SM400567G	MANIPULATOR REPAIR	64	64					
SM400567G6	MANIPULATOR REPAIR	64		64				

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 23

DOSE BY ACTIVITY - PNL & KEH

TOTAL USAGE FOR YEAR

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
HCO	-	()						
PNL								
SM400567G7	MANIPULATOR REPAIR	64			64			
SM400567H	MANIPULATOR REPAIR	64	64					
SM400567H6	MANIPULATOR REPAIR	64		64				
SM400567H7	MANIPULATOR REPAIR	64			64			
SM400567I	MANIPULATOR REPAIR	64	64					
SM400567I6	MANIPULATOR REPAIR	64		64				
SM400567I7	MANIPULATOR REPAIR	64			64			
SM400567J	MANIPULATOR REPAIR	64	64					
SM400567J6	MANIPULATOR REPAIR	64		64				
SM400567J7	MANIPULATOR REPAIR	64			64			
SM400567K	MANIPULATOR REPAIR	64	64					
SM400567K6	MANIPULATOR REPAIR	64		64				
SM400567K7	MANIPULATOR REPAIR	64			64			
SM400567L	MANIPULATOR REPAIR	64	64					
SM400567L6	MANIPULATOR REPAIR	64		64				
SM400567L7	MANIPULATOR REPAIR	64			64			
SM400567H	MANIPULATOR REPAIR	64	64					
SM400567H6	MANIPULATOR REPAIR	64		64				
SM400567H7	MANIPULATOR REPAIR	64			64			
SM4005687	MANIPULATOR CHANGE	24			24			
SM40056E	MANIPULATOR CHANGE	24	24					
SM40056E6	MANIPULATOR CHANGE	24		24				
SM40056E7	MANIPULATOR CHANGE	24			24			
SM40056F	MANIPULATOR CHANGE	24	24					
SM40056F6	MANIPULATOR CHANGE	24		24				
SM40056F7	MANIPULATOR CHANGE	24			24			
SM40056G	MANIPULATOR CHANGE	24	24					
SM40056G6	MANIPULATOR CHANGE	24		24				
SM40056G7	MANIPULATOR CHANGE	24			24			
SM40056H	MANIPULATOR CHANGE	24	24					
SM40056H6	MANIPULATOR CHANGE	24		24				
SM40056H7	MANIPULATOR CHANGE	24			24			
SM40056I	MANIPULATOR CHANGE	24	24					
SM40056I6	MANIPULATOR CHANGE	24		24				
SM40056I7	MANIPULATOR CHANGE	24			24			
SM40056J	MANIPULATOR CHANGE	24	24					
SM40056J6	MANIPULATOR CHANGE	24		24				
SM40056J7	MANIPULATOR CHANGE	24			24			
SM500000	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	425	425					
SM5000006	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	425		425				
SM5000007	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	425			425			
SM5000008	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	425	425					
SM50000086	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	425		425				

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DOSE BY ACTIVITY - PNL & KEH

TOTAL USAGE FOR YEAR

DATA DATE 29JAN95 PAGE NO. 24

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
HCO	-	()						
PNL								
SM500000B7	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	425			425			
SM500000C	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	425	425					
SM500000C6	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	425		425				
SM500000C7	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	425			425			
SM500000D	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	425	425					
SM500000D6	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	425		425				
SM500000D7	WASTE PACKAGING/DISPOSAL D-CELL/AIRLOCK	425			425			
SM500000E	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000E6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000E7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500000G	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000G6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000G7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500000J	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000J6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000J7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500000K	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000K6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000K7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500000L	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000L6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000L7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500000M	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000M6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000M7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500000N	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000N6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000N7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500000O	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000O6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000O7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500000P	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000P6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000P7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500000Q	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000Q6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000Q7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500000R	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000R6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000R7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500000S	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000S6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000S7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 25

DOSE BY ACTIVITY - PNL & KEH

TOTAL USAGE FOR YEAR

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
HCO	-	()						
PNL								
SM500000T	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000T6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000T7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500000U	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000U6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000U7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500000Y	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000V6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000V7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500000W	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000W6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000W7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500000X	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000X6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000X7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500000Y	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000Y6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000Y7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500000Z	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000Z6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000Z7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500000A	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000A6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000A7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500000B	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000B6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000B7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500000C	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000C6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000C7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500000H	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000H6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000H7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500000I	WASTE PACKAGING/DISPOSAL -COMPACTOR	10	10					
SM500000I6	WASTE PACKAGING/DISPOSAL -COMPACTOR	10		10				
SM500000I7	WASTE PACKAGING/DISPOSAL -COMPACTOR	10			10			
SM500315	STATIC PRESSURE ALARM TEST	20	20					
SM5003156	STATIC PRESSURE ALARM TEST	20		20				
SM5003157	STATIC PRESSURE ALARM TEST	20			20			
SM500315B	STATIC PRESSURE ALARM TEST	20	20					
SM500315B6	STATIC PRESSURE ALARM TEST	20		20				
SM500315B7	STATIC PRESSURE ALARM TEST	20			20			
SM500315C	STATIC PRESSURE ALARM TEST	20	20					

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 26

DOSE BY ACTIVITY - PNL & KEN

TOTAL USAGE FOR YEAR

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
HCO	-	{ }						
PNL								
SM500315C6	STATIC PRESSURE ALARM TEST	20		20				
SM500315C7	STATIC PRESSURE ALARM TEST	20			20			
SM500315D	STATIC PRESSURE ALARM TEST	20	20					
SM500315D6	STATIC PRESSURE ALARM TEST	20		20				
SM500315D7	STATIC PRESSURE ALARM TEST	20			20			
SM500315E	STATIC PRESSURE ALARM TEST	20	20					
SM500315E6	STATIC PRESSURE ALARM TEST	20		20				
SM500315E7	STATIC PRESSURE ALARM TEST	20			20			
SM500315F	STATIC PRESSURE ALARM TEST	20	20					
SM500315F6	STATIC PRESSURE ALARM TEST	20		20				
SM500315F7	STATIC PRESSURE ALARM TEST	20			20			
SM500315G	STATIC PRESSURE ALARM TEST	20	20					
SM500315G6	STATIC PRESSURE ALARM TEST	20		20				
SM500315G7	STATIC PRESSURE ALARM TEST	20			20			
SM500315H	STATIC PRESSURE ALARM TEST	20	20					
SM500315H6	STATIC PRESSURE ALARM TEST	20		20				
SM500315H7	STATIC PRESSURE ALARM TEST	20			20			
SM500315I	STATIC PRESSURE ALARM TEST	20	20					
SM500315I6	STATIC PRESSURE ALARM TEST	20		20				
SM500315I7	STATIC PRESSURE ALARM TEST	20			20			
SM500315J	STATIC PRESSURE ALARM TEST	20	20					
SM500315J6	STATIC PRESSURE ALARM TEST	20		20				
SM500315J7	STATIC PRESSURE ALARM TEST	20			20			
SM500315K	STATIC PRESSURE ALARM TEST	10	10					
SM500315K6	STATIC PRESSURE ALARM TEST	20		20				
SM500315K7	STATIC PRESSURE ALARM TEST	20			20			
SM500315L	STATIC PRESSURE ALARM TEST	20	20					
SM500315L6	STATIC PRESSURE ALARM TEST	20		20				
SM500315L7	STATIC PRESSURE ALARM TEST	20			20			
SM901375	C-CELL SHIELDED DOOR PREV. MAINT.	1015	1015					
SM9013756	C-CELL SHIELDED DOOR PREV. MAINT.	1015		1015				
SM9013757	C-CELL SHIELDED DOOR PREV. MAINT.	1015			1015			
SM901380	D-CELL SHIELDED DOOR PREV. MAINT.	1015	1015					
SM9013806	D-CELL SHIELDED DOOR PREV. MAINT.	1015		1015				
SM9013807	D-CELL SHIELDED DOOR PREV. MAINT.	1015			1015			
SM901385	SMF SHIELDED DOOR PREV. MAINT.	10	10					
SM9013856	SMF SHIELDED DOOR PREV. MAINT.	10		10				
SM9013857	SMF SHIELDED DOOR PREV. MAINT.	10			10			
SM901685	HEPA (A-FRAME)	420	420					
SM9016856	HEPA (A-FRAME)	420		420				
SM9016858	HEPA (A-FRAME)	420	420					
SM90168586	HEPA (A-FRAME)	420		420				
SM90168587	HEPA (A-FRAME)	420			420			

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE/RESOURCE REVISION

REPORT DATE 18JUN95 RUN NO. 514
10:20

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 27

DOSE BY ACTIVITY - PNL & KEN

TOTAL USAGE FOR YEAR

ACT ID	DESC	TOTAL	1995	1996	1997	1998	1999	2000
HCO		()						
PNL								
SM9016957	HEPA (A-FRAME)	420			420			
SMF100	WASTE DISPOSAL	30	30					
SMF101	WASTE DISPOSAL	30	30					
SMF103	WASTE DISPOSAL	30	30					
SMF104	WASTE DISPOSAL	30	30					
SMF105	WASTE DISPOSAL	30	30					
SMF106	WASTE DISPOSAL	30	30					
SMF107	WASTE DISPOSAL	30	30					
SMF108	WASTE DISPOSAL	30		30				
SMF109	WASTE DISPOSAL	30		30				
SMF110	WASTE DISPOSAL	30		30				
SMF111	WASTE DISPOSAL	30		30				
SMF112	WASTE DISPOSAL	30		30				
SMF113	WASTE DISPOSAL	30		30				
SMF114	WASTE DISPOSAL	30		30				
SMF115	WASTE DISPOSAL	30		30				
SMF116	WASTE DISPOSAL	30		30				
SMF117	WASTE DISPOSAL	30		30				
SMF118	WASTE DISPOSAL	30		30				
SMF119	WASTE DISPOSAL	30		30				
SMF120	WASTE DISPOSAL	30			30			
SMF121	WASTE DISPOSAL	30			30			
SMF122	WASTE DISPOSAL	30			30			
SMF123	WASTE DISPOSAL	30			30			
SMF124	WASTE DISPOSAL	30			30			
SMF125	WASTE DISPOSAL	30			30			
SMF126	WASTE DISPOSAL	30			30			
SMF127	WASTE DISPOSAL	30			30			
SMF128	WASTE DISPOSAL	30			30			
SMF129	WASTE DISPOSAL	30			30			
SMF130	WASTE DISPOSAL	30			30			
SMF132	WASTE DISPOSAL	30			30			
SM400415H	S-CELL CRANE PREV. MAINT.	920	920					
SUBTOTAL PNL		104013	32663	20606	19296	8921	5851	16676
TOTAL	HCO	104013	32663	20606	19296	8921	5851	16676
REPORT TOTAL		241448	78724	63721	44261	22619	13359	18764

Appendix B

Yearly Dose Summaries

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 505
06:46

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

PNL CRAFTS - SUMMARY ESTIMATES BY YEAR

TOTAL USAGE FOR YEAR

DATA DATE 29JAN95 PAGE NO. 1

RESOURCE	RESOURCE DESCRIPTION	TOTAL	1995	1996	1997	1998	1999	2000
AIR-BAL	AIR-BALANCE	1615	535	540	540			
ELCTRN	ELECTRICIAN	8215	2765	2725	2725			
FITTER	FITTER	700	700					
MILLWRIGHT	MILLWRIGHT	41670	11530	9190	16190	1800	1640	1320
	REPORT TOTAL	52200	15530	12455	19455	1800	1640	1320

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 525
16:24

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

PNL HOT CELL OPS - SUMMARY ESTIMATES BY YEAR

TOTAL USAGE FOR YEAR

RESOURCE	RESOURCE DESCRIPTION	TOTAL	1995	1996	1997	1998	1999	2000
ASSIST	ASSIST PERSON	10207	3910	1632	1185	990	570	1920
ENTRY PE	ENTRY PERSON	16090	4190	2000	800	2700	1400	5000
RPT	RADIATION PROTECTION	18527	5555	3003	3361	1901	1211	3496
TECH	TECHNICIAN	43790	14582	11048	10980	1895	1875	3410
UNDRESSR	UNDRESSER	15499	4426	2963	3010	1455	795	2850
	REPORT TOTAL	104113	32663	20646	19336	8941	5851	16676

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 524
16:21

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

KEH - SUMMARY ESTIMATES BY YEAR

TOTAL USAGE FOR YEAR

RESOURCE	RESOURCE DESCRIPTION	TOTAL	1995	1996	1997	1998	1999	2000
ASSIST	ASSIST PERSON	11221	2780	3316	500	4025	600	
ELECTRCH	ELECTRICIAN	14620	3820	3240	600	6000	480	480
FITTER	FITTER	960	960					
IRONWKR	IRONWORKER	21168	7008	8640		5520		
LABORERS	LABORERS	4600	4600					
MILLWRGHT	MILLWRIGHT	11060	2880	2180	3000		3000	
RPT	RADIATION PROTECTION	8639	2075	2260	360	3248	648	48
TECH	TECHNICIAN	4340	2670	650	300	240	240	240
UNDRESSR	UNDRESSER	8627	3738	2319	750	920	900	
	REPORT TOTAL	85235	30531	22605	5510	19953	5868	768

Appendix C

1995 Summary Dose by Project/Area

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995
B-CELL -														
BC500086A	CRANE MAINTENANCE	750	750											
BC80130A	INSTALL CELL CLEANIN	795	795											
BC132A95A	CAMERA & EQUIP MAINT	64	64											
BC400565	B-CELL MANIPULATOR C	50	50											
BC40057F	MANIPULATOR REPAIR	180	180											
BC80130B	INSTALL CELL CLEANIN	795	795											
BC80130C	INSTALL CELL CLEANIN	795	795											
BC80130D	INSTALL CELL CLEANIN	795		795										
BC40047A	LLW CAMPAIGN #5 - 8t	430		430										
BC80130E	INSTALL CELL CLEANIN	795		795										
BC500086B	CRANE MAINTENANCE	750		750										
BC500086C	CRANE MAINTENANCE	1050		1050										
BC40047B	LLW CAMPAIGN #5 - 9T	430		430										
BC40047C	LLW CAMPAIGN #5 - 10	430		430										
BC132A95B	CAMERA & EQUIP MAINT	64		64										
BC400566	B-CELL MANIPULATOR C	50		50										
BC40057G	MANIPULATOR REPAIR	180		180										
BC40047D	LLW CAMPAIGN #5 - 11	430		430										
BC40047E	LLW CAMPAIGN #5 - 12	430		430										
BC40047F	AIRLOCK CLEAMOUT	535			535									
BC40047H	LLW CAMPAIGN #5 - 13	430			430									
BC40047I	LLW WASTE CAMPAIGN #	430			430									
BC40047J	LLW CAMPAIGN #5 - 15	430			430									
BC132A95C	CAMERA & EQUIP MAINT	64			64									
BC40047K	LLW CAMPAIGN #5 - 16	430			430									
BC40057H	MANIPULATOR REPAIR	180			180									
BC40047L	LLW CAMPAIGN #5 - 17	430			430									
BC400567	B-CELL MANIPULATOR C	50			50									
BC40047M	AIRLOCK CLEAMOUT	535			535									
BC40047N	LLW CAMPAIGN #5 - 18	430				430								
BC11210A	UHP DECON SYS. INSTA	1015				1015								
BC40047O	LLW CAMPAIGN #5 - 19	430				430								
BC40047P	LLW CAMPAIGN #5 - 20	430				430								
BC11210B	UHP DECON SYS. INSTA	455				455								
BC40047Q	LLW CAMPAIGN #5 - 21	430				430								
BC40255A	DECON AIRLOCK	535				535								
BC40255B	DECON AIRLOCK	535				535								
BC40048R	LLW CAMPAIGN #5 - 22	430				430								
BC40255C	DECON AIRLOCK	535				535								
BC40255D	DECON AIRLOCK	535				535								
BCMA6030	NEUTRON ANALYZER INS	200				200								
BC40255E	DECON AIRLOCK	535				535								
BC40255F	DECON AIRLOCK	535				535								
BC132A95D	CAMERA & EQUIP MAINT	64				64								
BC40057I	MANIPULATOR REPAIR	180				180								

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
B-CELL -														
BC40255G	DÉCON AIRLOCK	535				535								
BC40255H	DECON AIRLOCK	535				535								
BC40047S	LLW CAMPAIGN #5 - 23	258				258								
BC14120A	3.5 TON CRANE INSTAL	297				297								
BC14120B	3-1/2 TON CRANE INST	273				273								
BC14120D	3 -1/2 TON CRANE INS	273				273								
BC40056B	B-CELL MANIPULATOR C	50				50								
BC14120E	3 -1/2 TON CRANE INS	273				273								
BC14120F	3 -1/2 TON CRANE INS	273				273								
BC14120H	3 - 1/2 TON CRANE IN	273					273							
BC14120G	3 -1/2 TON CRANE INS	273					273							
BC14120I	3- 1/2 TON CRANE INS	273					273							
BC14120J	3-1/2 TON CRANE INST	189					189							
BC600220A	REMOVE PIPETRENCH CO	444					444							
BC600220B	REMOVE PIPETRENCH CO	444					444							
BC600220C	REMOVE PIPETRENCH CO	444					444							
BC600220D	REMOVE PIPETRENCH CO	444					444							
BC600220E	REMOVE PIPETRENCH CO	84					84							
BC132A95E	CAMERA & EQUIP MAINT	64					64							
BCMA6030B	NEUTRON ANALYZER INS.	120					120							
BC40057J	MANIPULATOR REPAIR	180					180							
BC40255I	DECON AIRLOCK	535					535							
BC40255J	DECON AIRLOCK	535					535							
BC40047U	LLW CAMPAIGN #5 - 24	258					258							
BC40047X	AIRLOCK CLEANOUT	321					321							
BC400569	B-CELL MANIPULATOR C	50					50							
BC132A95F	CAMERA & EQUIP MAINT	64						64						
BC40057K	MANIPULATOR REPAIR	180						180						
BC40057O	B-CELL MANIPULATOR C	50						50						
BCWC8020A	INSTALL COMPACTOR	477						477						
BCWC8020B	INSTALL COMPACTOR	477							477					
BCWC8025A	FUNCTION TEST COMPAC	242								242				
BC132A95G	CAMERA & EQUIP MAINT	64								64				
BC40057L	MANIPULATOR REPAIR	180								180				
BC40057I	B-CELL MANIPULATOR C	50								50				
BC28131	POG MODS	1580									1580			
BC132A95H	CAMERA & EQUIP MAINT	64									64			
BC28190	RH11POG FILTER CHANG	100									100			
BC40057M	MANIPULATOR REPAIR	164									164			
BC40057Z	B-CELL MANIPULATOR C	50									50			
BC132A95I	CAMERA & EQUIP MAINT	64										64		
BC700110A	LLW CAMPAIGN #6 - 1S	194										194		
BC40057N	MANIPULATOR REPAIR	164										164		
BC700110B	LLW CAMPAIGN #6 - 2N	194										194		
BC700110C	LLW CAMPAIGN #6 3RD	194										194		

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 531
10:13

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DETAIL BY PROJECT/AREA

TOTAL USAGE FOR MONTH

DATA DATE 29JAN95 PAGE NO. 3

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
B-CELL -														
BCNA603D	NEUTRON ANALYZER IHS	200									200			
BC400573	B-CELL MANIPULATOR C	50									50			
BC700110F	AIRLOCK CLEANOUT	289									289			
BC700110D	LLW CAMPAIGN #6 - 4T	194										194		
BC28070A	REMOVE JUMPERS	169										169		
BC132A95J	CAMERA & EQUIP MAINT	64										64		
BC700110E	LLW CAMPAIGN #6 - 5T	194										194		
BC28070B	REMOVE JUMPERS	236										236		
BC700110G	LLW CAMPAIGN #6 - 6T	215										215		
BC400570	MANIPULATOR REPAIR	164										164		
BC400574	B-CELL MANIPULATOR C	50										50		
BC700110H	AIRLOCK CLEANOUT	230										230		
BC700110J	LLW CAMPAIGN #6 - 7T	215											215	
BC132A95K	CAMERA & EQUIP MAINT	64											64	
BC28191	RH11POG FILTER CHANG	110											110	
BC700110L	LLW CAMPAIGN #6 - 8T	215											215	
BCRCR0160A	INSTALL RATED CONTAI	247											247	
BCRCR0160B	INSTALL RATED CONTAI	248											248	
BC700110I	LLW CAMPAIGN #6 - 9T	215											215	
BC700110K	LLW CAMPAIGN #6 - 10	215											215	
BC40057P	MANIPULATOR REPAIR	164											164	
BC400575	B-CELL MANIPULATOR C	50											50	
BC132A95L	CAMERA & EQUIP MAINT	64												64
BC400576	B-CELL MANIPULATOR C	50												50
BC40057Q	MANIPULATOR REPAIR	164												164
TOTAL	B-CELL	36377	3429	5834	3514	10041	4931	771	1013	1958	1349	1516	1743	278

C-CELL -

SM901375	C-CELL SHIELDED DOOR	1815					1815							
CC500	C-CELL DECON	975						975						
CC502	C-CELL DECON	975						975						
CC503	C-CELL DECON	975						975						
CC510	CRANE REMOVAL	3300						3300						
CC520	CRANE INSTALLATION	3155						3155						
CC522	CRANE INSTALLATION	2300						2300						
CC530	DECON AND WASTE HAUL	1125						1125						
CC532	DECON AND WASTE HAUL	1125						1125						
CC534	DECON AND WASTE HAUL	1125						1125						
TOTAL	C-CELL	16870					1815	15055						

BATTTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 531
10:13

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 4

DETAIL BY PROJECT/AREA

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
D-CELL -														
SM901380	D-CELL SHIELDED DOOR	1815						1815						
SM400415B	D-CELL CRANE PREV. M	3975							3975					
TOTAL	D-CELL	5790						1815	3975					
E-CELL -														
SM400415D	E-CELL PAR PREV. MA	185										185		
SM400415E	E-CELL CRANE PREV.	185											185	
TOTAL	E-CELL	370										185	185	
S&M -														
SM400565	MANIPULATOR CHANGE	34	34											
SM400566R	CAMERA & EQUIP MAINT	64	64											
SM400567D	MANIPULATOR REPAIR	164	164											
SM500000E	WASTE PACKAGING/DISP	10	10											
SM500315	STATIC PRESSURE ALAR	30	30											
SM400020	PM ON BLDG HOT CELL	35		35										
SM500000G	WASTE PACKAGING/DISP	10		10										
SM901685	HEPA (A-FRAME)	1020		1020										
SM400565B	MANIPULATOR CHANGE	34		34										
SM400567E	MANIPULATOR REPAIR	164		164										
SM50000H	WASTE PACKAGING/DISP	10		10										
SM500315B	STATIC PRESSURE ALAR	30		30										
SM50000I	WASTE PACKAGING/DISP	10			10									
SM500000	WASTE PACKAGING/DISP	425			425									
SM400025	B-CELL SHIELDED DOOR	1815			1815									
SM500000J	WASTE PACKAGING/DISP	10			10									
SM500315C	STATIC PRESSURE ALAR	30			30									
SM400565C	MANIPULATOR CHANGE	34			34									
SM400567F	MANIPULATOR REPAIR	164			164									
SM500000K	WASTE PACKAGING/DISP	10				10								
SM500000L	WASTE PACKAGING/DISP	10				10								
SM500315D	STATIC PRESSURE ALAR	30				30								
SM400567G	MANIPULATOR REPAIR	164					164							
SM500000M	WASTE PACKAGING/DISP	10					10							
SM400565D	MANIPULATOR CHANGE	34					34							
SM500000N	WASTE PACKAGING/DISP	10					10							
SM500315E	STATIC PRESSURE ALAR	30					30							
SM500000O	WASTE PACKAGING/DISP	10						10						
SM400567H	MANIPULATOR REPAIR	164						164						
SM500000B	WASTE PACKAGING/DISP	425						425						
SM500000P	WASTE PACKAGING/DISP	10						10						

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 531
10:13

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 5

DETAIL BY PROJECT/AREA

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
S&M														
SM40056E	MANIPULATOR CHANGE	34						34						
SM500315F	STATIC PRESSURE ALAR	30						30						
SM500000Q	WASTE PACKAGING/DISP	10							10					
SM400566S	CAMERA & EQUIP MAINT	64							64					
SM500000R	WASTE PACKAGING/DISP	10							10					
SM400567I	MANIPULATOR REPAIR	164							164					
SM500315G	STATIC PRESSURE ALAR	30							30					
SM500000S	WASTE PACKAGING/DISP	10								10				
SM40056F	MANIPULATOR CHANGE	34								34				
SM901685B	HEPA (A-FRAME)	1020								1020				
SM500000T	WASTE PACKAGING/DISP	10								10				
SM400567J	MANIPULATOR REPAIR	164								164				
SM500315H	STATIC PRESSURE ALAR	30								30				
SM500000U	WASTE PACKAGING/DISP	10								10				
SM40056G	MANIPULATOR CHANGE	34									34			
SM500000C	WASTE PACKAGING/DISP	425									425			
SM500000V	WASTE PACKAGING/DISP	10									10			
SM500315I	STATIC PRESSURE ALAR	30									30			
SM400567K	MANIPULATOR REPAIR	164									164			
SM500000W	WASTE PACKAGING/DISP	10									10			
SM500000X	WASTE PACKAGING/DISP	10										10		
SM500315J	STATIC PRESSURE ALAR	30										30		
SM40056H	MANIPULATOR CHANGE	34										34		
SM500000Y	WASTE PACKAGING/DISP	10										10		
SM400567L	MANIPULATOR REPAIR	164											164	
SM500000Z	WASTE PACKAGING/DISP	10											10	
SM500315K	STATIC PRESSURE ALAR	15											15	
SM40056I	MANIPULATOR CHANGE	34											34	
SM500001A	WASTE PACKAGING/DISP	10											10	
SM500001B	WASTE PACKAGING/DISP	10												10
SM400567H	MANIPULATOR REPAIR	164												164
SM500000D	WASTE PACKAGING/DISP	425												425
SM400566T	CAMERA & EQUIP MAINT	64												64
SM500315L	STATIC PRESSURE ALAR	30												30
SM500001C	WASTE PACKAGING/DISP	10												10
SM40056J	MANIPULATOR CHANGE	34												34
TOTAL	S&M	8347	302	1303	2488	50	248	673	278	1278	673	84	233	737

SC

SM400415C S-CELL PAR PREV. MA 2520

2520

TOTAL SC 2520

2520

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 531
10:13

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 6

DETAIL BY PROJECT/AREA

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
SMF	-													
SMF300	ENTRY TO SOUTH CELL	2150				2150								
SMF305	HEPA CHANGES	560				560								
SMF310	HEPA CHANGES	560					560							
SMF100	WASTE DISPOSAL	30					30							
SMF315	HEPA CHANGES	560						560						
SMF101	WASTE DISPOSAL	30						30						
SMF320	HEPA CHANGES	560							560					
SMF103	WASTE DISPOSAL	30							30					
SM901385	SMF SHIELDED DOOR PR	25							25					
SMF325	HEPA CHANGES	560								560				
SMF104	WASTE DISPOSAL	30								30				
SMF330	HEPA CHANGES	560									560			
SN400415H	S-CELL CRANE PREV.	2520									2520			
SMF105	WASTE DISPOSAL	30										30		
SMF106	WASTE DISPOSAL	30												
SMF107	WASTE DISPOSAL	30												30
SM400415F	SMF AL CRANE PREV.	185												185
TOTAL	SMF	8450				2710	590	590	615	590	3110	30		215
REPORT TOTAL		78724	3731	7137	6002	12801	7584	18904	5881	6346	5132	1815	2161	1230

1995

**Detail by Resource
and Contractor**

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 528
09:45

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
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AIR-BAL - AIR-BALANCE ()

PNL

SM500315	STATIC PRESSURE ALAR	10	10											
SM400020	PM ON BLDG HOT CELL	20		20										
SM901685	HEPA (A-FRAME)	200		200										
SM500315B	STATIC PRESSURE ALAR	10		10										
SM500315C	STATIC PRESSURE ALAR	10			10									
SM500315D	STATIC PRESSURE ALAR	10				10								
SM500315E	STATIC PRESSURE ALAR	10					10							
SM500315F	STATIC PRESSURE ALAR	10						10						
SM500315G	STATIC PRESSURE ALAR	10							10					
SM901685B	HEPA (A-FRAME)	200								200				
SM500315H	STATIC PRESSURE ALAR	10								10				
SM500315I	STATIC PRESSURE ALAR	10									10			
SM500315J	STATIC PRESSURE ALAR	10										10		
SM500315K	STATIC PRESSURE ALAR	5											5	
SM500315L	STATIC PRESSURE ALAR	10												10

SUBTOTAL PNL		535	10	230	10	10	10	10	10	210	10	10	5	10
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TOTAL AIR-BAL		535	10	230	10	10	10	10	10	210	10	10	5	10
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ASSIST - ASSIST PERSON (MR)

KEH -

BC80130A	INSTALL CELL CLEANIN	175	175											
BC80130B	INSTALL CELL CLEANIN	175	175											
BC80130C	INSTALL CELL CLEANIN	175	175											
BC80130D	INSTALL CELL CLEANIN	175		175										
BC80130E	INSTALL CELL CLEANIN	175		175										
BC14120A	3.5 TON CRANE INSTAL	105				105								
BC14120B	3-1/2 TON CRANE INST	105				105								
BC14120D	3 -1/2 TON CRANE INS	105				105								
BC14120E	3 -1/2 TON CRANE INS	105				105								
BC14120F	3 -1/2 TON CRANE INS	105				105								
BC14120H	3 - 1/2 TON CRANE IN	105					105							
BC14120G	3 -1/2 TON CRANE INS	105					105							
BC14120I	3- 1/2 TON CRANE INS	105					105							
BC14120J	3-1/2 TON CRANE INST	105					105							
CC500	C-CELL DECON	125						125						
CC502	C-CELL DECON	125						125						
CC503	C-CELL DECON	125						125						
CC530	DECON AND WASTE HAUL	125						125						

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

TOTAL USAGE FOR MONTH

PNL

BC500086A	CRANE MAINTENANCE	100	100
BC40047A	LLW CAMPAIGN #5 - 8t	60	60
BC500086B	CRANE MAINTENANCE	100	100
BC500086C	CRANE MAINTENANCE	100	100
BC40047B	LLW CAMPAIGN #5 - 9T	60	60
SM901685	HEPA (A-FRAME)	20	20
BC40047C	LLW CAMPAIGN #5 - 10	60	60
BC40047D	LLW CAMPAIGN #5 - 11	60	60
BC40047E	LLW CAMPAIGN #5 - 12	60	60
BC40047F	AIRLOCK CLEANOUT	60	60
BC40047H	LLW CAMPAIGN #5 - 13	60	60
BC40047I	LLW WASTE CAMPAIGN #	60	60
SM500000	WASTE PACKAGING/DISP	50	50
BC40047J	LLW CAMPAIGN #5 - 15	60	60
SM400025	B-CELL SHIELDED DOOR	40	40
BC40047K	LLW CAMPAIGN #5 - 16	60	60
BC40047L	LLW CAMPAIGN #5 - 17	60	60
BC40047M	AIRLOCK CLEANOUT	60	60
BC40047N	LLW CAMPAIGN #5 - 18	60	60
BC11210A	UHP DECON SYS. INSTA	175	175
BC40047O	LLW CAMPAIGN #5 - 19	60	60
BC40047P	LLW CAMPAIGN #5 - 20	60	60
BC11210B	UHP DECON SYS. INSTA	175	175
BC40047Q	LLW CAMPAIGN #5 - 21	60	60
BC40255A	DECON AIRLOCK	60	60
BC40255B	DECON AIRLOCK	60	60
BC40048R	LLW CAMPAIGN #5 - 22	60	60
BC40255C	DECON AIRLOCK	60	60
BC40255D	DECON AIRLOCK	60	60
BCMA6030	NEUTRON ANALYZER INS	100	100
BC40255E	DECON AIRLOCK	60	60
BC40255F	DECON AIRLOCK	60	60
BC40255G	DECON AIRLOCK	60	60
BC40255H	DECON AIRLOCK	60	60

BATTTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 528
09:45

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

DATA DATE 29JAN95 PAGE NO. 3

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
ASSIST - ASSIST PERSON (MR)														
PHL														
BC400475	LLW CAMPAIGN #5 - 23	36				36								
SM901375	C-CELL SHIELDED DOOR	40					40							
BCHA6030B	NEUTRON ANALYZER INS	60					60							
BC40255I	DECON AIRLOCK	60					60							
BC40255J	DECON AIRLOCK	60					60							
BC40047U	LLW CAMPAIGN #5 - 24	36					36							
BC40047X	AIRLOCK CLEANOUT	36					36							
SM500000B	WASTE PACKAGING/DISP	50						50						
SM901380	D-CELL SHIELDED DOOR	40					40							
BCWC8025A	FUNCTION TEST COMPAC	27							27					
SM400415B	D-CELL CRANE PREV. M	225							225					
SM400415C	S-CELL PAR PREV. MA	10								10				
SM901685B	HEPA (A-FRAME)	20								20				
SM500000C	WASTE PACKAGING/DISP	50									50			
BC700110A	LLW CAMPAIGN #6 - 1S	27									27			
SM400415H	S-CELL CRANE PREV.	10									10			
BC700110B	LLW CAMPAIGN #6 - 2N	27									27			
BC700110C	LLW CAMPAIGN #6 3RD	27									27			
BCHA6030D	NEUTRON ANALYZER INS	100									100			
BC700110F	AIRLOCK CLEANOUT	32									32			
BC700110D	LLW CAMPAIGN #6 - 4T	27										27		
BC28070A	REMOVE JUMPERS	23										23		
BC700110E	LLW CAMPAIGN #6 - 5T	27										27		
BC28070B	REMOVE JUMPERS	90										90		
BC700110G	LLW CAMPAIGN #6 - 6T	30										30		
BC700110H	AIRLOCK CLEANOUT	30										30		
BC700110J	LLW CAMPAIGN #6 - 7T	30											30	
BC700110L	LLW CAMPAIGN #6 - 8T	30											30	
BCRCR0160A	INSTALL RATED CONTAI	90											90	
BCRCR0160B	INSTALL RATED CONTAI	90											90	
BC700110I	LLW CAMPAIGN #6 - 9T	30											30	
BC700110K	LLW CAMPAIGN #6 - 10	30											30	
SM500000D	WASTE PACKAGING/DISP	50												50
SUBTOTAL PHL		3910	100	520	510	1266	292	90	252	30	273	227	300	50
TOTAL ASSIST		6690	625	870	510	1791	712	945	357	30	273	227	300	50

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 4

TOTAL USAGE FOR MONTH

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BATTTELLE PACIFIC HW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 528
09:45

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 5

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
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ELCTRCN - ELECTRICIAN ()

PHL

SUBTOTAL PHL	2765			400	240	400	400	405	400	400	40	40		
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TOTAL	ELCTRCN	6585	800	520	440	280	872	1884	629	440	440	80	80	120
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ENTRY PE - ENTRY PERSON ()

PHL

BC40047A	LLW CAMPAIGN #5 - 8t	200		200										
BC40047B	LLW CAMPAIGN #5 - 9T	200		200										
BC40047C	LLW CAMPAIGN #5 - 10	200		200										
BC40047D	LLW CAMPAIGN #5 - 11	200		200										
BC40047E	LLW CAMPAIGN #5 - 12	200		200										
BC40047H	LLW CAMPAIGN #5 - 13	200			200									
BC40047I	LLW WASTE CAMPAIGN #	200			200									
BC40047J	LLW CAMPAIGN #5 - 15	200			200									
BC40047K	LLW CAMPAIGN #5 - 16	200			200									
BC40047L	LLW CAMPAIGN #5 - 17	200			200									
BC40047M	LLW CAMPAIGN #5 - 18	200				200								
BC40047O	LLW CAMPAIGN #5 - 19	200				200								
BC40047P	LLW CAMPAIGN #5 - 20	200				200								
BC40047Q	LLW CAMPAIGN #5 - 21	200				200								
BC40048R	LLW CAMPAIGN #5 - 22	200				200								
BC40047S	LLW CAMPAIGN #5 - 23	120				120								
BC40047U	LLW CAMPAIGN #5 - 24	120					120							
BC700110A	LLW CAMPAIGN #6 - 1S	90								90				
BC700110B	LLW CAMPAIGN #6 - 2N	90								90				
BC700110C	LLW CAMPAIGN #6 3RD	90								90				
BC700110D	LLW CAMPAIGN #6 - 4T	90									90			
BC700110E	LLW CAMPAIGN #6 - 5T	90									90			
BC700110G	LLW CAMPAIGN #6 - 6T	100										100		
BC700110J	LLW CAMPAIGN #6 - 7T	100											100	
BC700110L	LLW CAMPAIGN #6 - 8T	100												100
BC700110I	LLW CAMPAIGN #6 - 9T	100												100
BC700110K	LLW CAMPAIGN #6 - 10	100												100

SUBTOTAL PHL	4190		1000	1000	1120	120				270	280	400		
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TOTAL	ENTRY PE	4190		1000	1000	1120	120			270	280	400		
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BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 528
09:45

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 6

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
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FITTER - ()

KEH -

BC28131	POG MODS	960								960				
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SUBTOTAL KEH		960								960				
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PNL

BC11210A	UHP DECON SYS. INSTA	700				700								
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SUBTOTAL PNL		700				700								
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TOTAL	FITTER	1660				700				960				
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IRNWK - IRONWORKER ()

KEH -

BC80130A	INSTALL CELL CLEANIN	240	240											
BC80130B	INSTALL CELL CLEANIN	240	240											
BC80130C	INSTALL CELL CLEANIN	240	240											
BC80130D	INSTALL CELL CLEANIN	240		240										
BC80130E	INSTALL CELL CLEANIN	240		240										
BC14120A	3.5 TON CRANE INSTAL	144				144								
BC14120B	3-1/2 TON CRANE INST	144				144								
BC14120D	3 -1/2 TON CRANE INS	144				144								
BC14120E	3 -1/2 TON CRANE INS	144				144								
BC14120F	3 -1/2 TON CRANE INS	144				144								
CC510	CRANE REMOVAL	2400						2400						
CC520	CRANE INSTALLATION	2400						2400						
BCNC8020A	INSTALL COMPACTOR	144						144						
BCNC8020B	INSTALL COMPACTOR	144							144					

SUBTOTAL KEH		7008	720	480		720		4944	144					
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TOTAL	IRNWK	7008	720	480		720		4944	144					
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LABORERS - ()

KEH -

SMF300	ENTRY TO SOUTH CELL	1800				1800								
CC510	CRANE REMOVAL	200						200						

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 7

PML

BC500086A	CRANE MAINTENANCE	500	500
BC400565	B-CELL MANIPULATOR C	10	10
BC40057F	MANIPULATOR REPAIR	100	100
SM400565	MANIPULATOR CHANGE	10	10
SM400567D	MANIPULATOR REPAIR	100	100
BC500086B	CRANE MAINTENANCE	500	500
BC500086C	CRANE MAINTENANCE	500	500
SM901685	HEPA (A-FRAME)	400	400
BC400566	B-CELL MANIPULATOR C	10	10
BC40057G	MANIPULATOR REPAIR	100	100
SM400565B	MANIPULATOR CHANGE	10	10
SM400567E	MANIPULATOR REPAIR	100	100
SM400025	B-CELL SHIELDED DOOR	400	400
BC40057H	MANIPULATOR REPAIR	100	100
BC400567	B-CELL MANIPULATOR C	10	10

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 8

TOTAL USAGE FOR MONTH

[illegible]

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 528
09:45

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 9

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
MLLWRGHT - MILLWRIGHT ()														
PNL														
BC400575	B-CELL MANIPULATOR C	10											10	
SM400567M	MANIPULATOR REPAIR	100												100
SM400415F	SHF AL CRANE PREV.	80												80
BC400576	B-CELL MANIPULATOR C	10												10
BC40057Q	MANIPULATOR REPAIR	100												100
SM40056J	MANIPULATOR CHANGE	10												10
SUBTOTAL PNL		11530	720	1620	620	110	2300	620	1420	1820	1420	200	380	300
TOTAL MLLWRGHT		14410	720	1620	620	510	2700	1020	1820	2700	1820	200	380	300

RPT - RADIATION PROTECTION TECHNICIAN ()

KEH -

BC80130A	INSTALL CELL CLEANIN	100	100											
BC132A95A	CAMERA & EQUIP MAINT	4	4											
BC80130B	INSTALL CELL CLEANIN	100	100											
SM400566R	CAMERA & EQUIP MAINT	4	4											
BC80130C	INSTALL CELL CLEANIN	100	100											
BC80130D	INSTALL CELL CLEANIN	100		100										
BC80130E	INSTALL CELL CLEANIN	100		100										
BC132A95B	CAMERA & EQUIP MAINT	4		4										
BC132A95C	CAMERA & EQUIP MAINT	4			4									
SMF300	ENTRY TO SOUTH CELL	200				200								
SMF305	HEPA CHANGES	100				100								
BC132A95D	CAMERA & EQUIP MAINT	4				4								
BC14120J	3-1/2 TON CRANE INST	60					60							
SMF310	HEPA CHANGES	100					100							
BC132A95E	CAMERA & EQUIP MAINT	4					4							
SMF315	HEPA CHANGES	100						100						
CC510	CRANE REMOVAL	300						300						
CC520	CRANE INSTALLATION	5						5						
CC522	CRANE INSTALLATION	200						200						
BC132A95F	CAMERA & EQUIP MAINT	4						4						
BCWC8020A	INSTALL COMPACTOR	60						60						
BCWC8020B	INSTALL COMPACTOR	60							60					
SMF320	HEPA CHANGES	100							100					
SM400566S	CAMERA & EQUIP MAINT	4							4					
BC132A95G	CAMERA & EQUIP MAINT	4							4					
SMF325	HEPA CHANGES	100								100				
BC28131	POG MODS	20									20			

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 10

TOTAL USAGE FOR MONTH

PNL

BC400565	B-CELL MANIPULATOR C	20	20
BC40057F	MANIPULATOR REPAIR	20	20
SM400565	MANIPULATOR CHANGE	4	4
SM400567D	MANIPULATOR REPAIR	4	4
SM500000E	WASTE PACKAGING/DISP	5	5
SM500315	STATIC PRESSURE ALAR	10	10
BC40047A	LLW CAMPAIGN #5 - 8t	100	100
SM400020	PM ON BLDG HOT CELL	5	5
BC500086C	CRANE MAINTENANCE	300	300
BC40047B	LLW CAMPAIGN #5 - 9T	100	100
SM500000G	WASTE PACKAGING/DISP	5	5
SM901685	HEPA (A-FRAME)	100	100
BC40047C	LLW CAMPAIGN #5 - 10	100	100
BC4000566	B-CELL MANIPULATOR C	20	20
BC400057G	MANIPULATOR REPAIR	20	20
SM400565B	MANIPULATOR CHANGE	4	4
SM400567E	MANIPULATOR REPAIR	4	4
BC40047D	LLW CAMPAIGN #5 - 11	100	100
SM500000H	WASTE PACKAGING/DISP	5	5
BC40047E	LLW CAMPAIGN #5 - 12	100	100
SM500315B	STATIC PRESSURE ALAR	10	10
BC40047F	AIRLOCK CLEANOUT	75	75
BC40047H	LLW CAMPAIGN #5 - 13	100	100
BC40047I	LLW WASTE CAMPAIGN #	100	100
SM500000I	WASTE PACKAGING/DISP	5	5
SM500000J	WASTE PACKAGING/DISP	75	75
BC40047J	LLW CAMPAIGN #5 - 15	100	100
SM400025	B-CELL SHIELDED DOOR	75	75
BC40047K	LLW CAMPAIGN #5 - 16	100	100
BC40057H	MANIPULATOR REPAIR	20	20

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 528
09:45

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

DATA DATE 29JAN95 PAGE NO. 11

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
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RPT - RADIATION PROTECTION TECHNICIAN ()

PHL

SM500000J	WASTE PACKAGING/DISP	5			5									
SM500315C	STATIC PRESSURE ALAR	10			10									
BC40047L	LLW CAMPAIGN #5 - 17	100			100									
BC400567	B-CELL MANIPULATOR C	20			20									
SM400565C	MANIPULATOR CHANGE	4			4									
SM400567F	MANIPULATOR REPAIR	4			4									
BC40047M	AIRLOCK CLEANOUT	75			75									
BC40047H	LLW CAMPAIGN #5 - 18	100				100								
BC11210A	UHP DECON SYS. INSTA	100				100								
BC400470	LLW CAMPAIGN #5 - 19	100				100								
SM500000K	WASTE PACKAGING/DISP	5				5								
BC40047P	LLW CAMPAIGN #5 - 20	100				100								
BC40047Q	LLW CAMPAIGN #5 - 21	100				100								
BC40255A	DECON AIRLOCK	75				75								
BC40255B	DECON AIRLOCK	75				75								
BC40048R	LLW CAMPAIGN #5 - 22	100				100								
BC40255C	DECON AIRLOCK	75				75								
BC40255D	DECON AIRLOCK	75				75								
BC40255E	DECON AIRLOCK	75				75								
BC40255F	DECON AIRLOCK	75				75								
BC40057I	MANIPULATOR REPAIR	20				20								
BC40255G	DECON AIRLOCK	75				75								
BC40255H	DECON AIRLOCK	75				75								
SM500000L	WASTE PACKAGING/DISP	5				5								
BC40047S	LLW CAMPAIGN #5 - 23	60				60								
SM500315D	STATIC PRESSURE ALAR	10				10								
BC400568	B-CELL MANIPULATOR C	20				20								
SM901375	C-CELL SHIELDED DOOR	75					75							
SM400567G	MANIPULATOR REPAIR	4					4							
SM500000M	WASTE PACKAGING/DISP	5					5							
SMF100	WASTE DISPOSAL	10					10							
BC600220E	REMOVE PIPETRENCH CO	60					60							
SM400565D	MANIPULATOR CHANGE	4					4							
SM500000N	WASTE PACKAGING/DISP	5					5							
BC40057J	MANIPULATOR REPAIR	20					20							
BC40255I	DECON AIRLOCK	75					75							
BC40255J	DECON AIRLOCK	75					75							
BC40047U	LLW CAMPAIGN #5 - 24	60					60							
BC40047X	AIRLOCK CLEANOUT	45					45							
SM500315E	STATIC PRESSURE ALAR	10					10							
BC400569	B-CELL MANIPULATOR C	20					20							
SM500000O	WASTE PACKAGING/DISP	5						5						
SM400567H	MANIPULATOR REPAIR	4						4						

BATTTELLE PACIFIC NM LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 528
09:45

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

DATA DATE 29JAN95 PAGE NO. 12

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
RPT	- RADIATION PROTECTION TECHNICIAN ()													
PNL														
SM500000B	WASTE PACKAGING/DISP	75						75						
SM901380	D-CELL SHIELDED DOOR	75						75						
SM500000P	WASTE PACKAGING/DISP	5						5						
SM40056E	MANIPULATOR CHANGE	4						4						
SMF101	WASTE DISPOSAL	10						10						
BC40057K	MANIPULATOR REPAIR	20						20						
SM500315F	STATIC PRESSURE ALAR	10						10						
BC400570	B-CELL MANIPULATOR C	20						20						
BCWC8025A	FUNCTION TEST COMPAC	34							34					
SM400415B	D-CELL CRANE PREV. M	200							200					
SM500000Q	WASTE PACKAGING/DISP	5							5					
SMF103	WASTE DISPOSAL	10							10					
SM500000R	WASTE PACKAGING/DISP	5							5					
SM400567I	MANIPULATOR REPAIR	4							4					
BC40057L	MANIPULATOR REPAIR	20							20					
SM500315G	STATIC PRESSURE ALAR	10							10					
BC400571	B-CELL MANIPULATOR C	20							20					
SM500000S	WASTE PACKAGING/DISP	5								5				
SM40056F	MANIPULATOR CHANGE	4								4				
SM400415C	S-CELL PAR PREV. MA	50								50				
SM901685B	HEPA (A-FRAME)	100								100				
SM500000T	WASTE PACKAGING/DISP	5								5				
SMF104	WASTE DISPOSAL	10								10				
SM400567J	MANIPULATOR REPAIR	4								4				
BC40057M	MANIPULATOR REPAIR	4								4				
SM500315H	STATIC PRESSURE ALAR	10								10				
BC400572	B-CELL MANIPULATOR C	20								20				
SM500000U	WASTE PACKAGING/DISP	5								5				
SM40056G	MANIPULATOR CHANGE	4									4			
SM500000C	WASTE PACKAGING/DISP	75									75			
SM500000V	WASTE PACKAGING/DISP	5									5			
BC700110A	LLW CAMPAIGN #6 - 1S	45									45			
SM400415N	S-CELL CRANE PREV.	50									50			
BC40057H	MANIPULATOR REPAIR	4									4			
BC700110B	LLW CAMPAIGN #6 - 2N	45									45			
SM500315I	STATIC PRESSURE ALAR	10									10			
BC700110C	LLW CAMPAIGN #6 3RD	45									45			
SM400567K	MANIPULATOR REPAIR	4									4			
BC400573	B-CELL MANIPULATOR C	20									20			
BC700110F	AIRLOCK CLEANOUT	41									41			
SM500000W	WASTE PACKAGING/DISP	5									5			
SMF105	WASTE DISPOSAL	10									10			
BC700110D	LLW CAMPAIGN #6 - 4T	45										45		

45

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 528
09:45

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 13

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
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RPT - RADIATION PROTECTION TECHNICIAN ()

PNL

BC28070A	REMOVE JUMPERS	20										20		
BC700110E	LLW CAMPAIGN #6 - 5T	45										45		
SH500000X	WASTE PACKAGING/DISP	5										5		
BC28070B	REMOVE JUMPERS	20										20		
SH400415D	E-CELL PAR PREV. MA	5										5		
BC700110G	LLW CAMPAIGN #6 - 6T	50										50		
BC400570	MANIPULATOR REPAIR	4										4		
SH500315J	STATIC PRESSURE ALAR	10										10		
SHF106	WASTE DISPOSAL	10										10		
SH40056H	MANIPULATOR CHANGE	4										4		
SH500000Y	WASTE PACKAGING/DISP	5										5		
BC400574	B-CELL MANIPULATOR C	20										20		
BC700110J	LLW CAMPAIGN #6 - 7T	50											50	
SH400567L	MANIPULATOR REPAIR	4										4		
BC28191	RH11POG FILTER CHANG	20										20		
BC700110L	LLW CAMPAIGN #6 - 8T	50										50		
SH500000Z	WASTE PACKAGING/DISP	5										5		
BCRCR0160A	INSTALL RATED CONTAI	45										45		
BCRCR0160B	INSTALL RATED CONTAI	45										45		
BC700110I	LLW CAMPAIGN #6 - 9T	50										50		
SH400415E	E-CELL CRANE PREV.	5										5		
BC700110K	LLW CAMPAIGN #6 - 10	50										50		
BC40057P	MANIPULATOR REPAIR	4										4		
SH500315K	STATIC PRESSURE ALAR	5										5		
SH40056I	MANIPULATOR CHANGE	4										4		
SH500001A	WASTE PACKAGING/DISP	5										5		
BC400575	B-CELL MANIPULATOR C	20										20		
SHF107	WASTE DISPOSAL	10											10	
SH500001B	WASTE PACKAGING/DISP	5											5	
SH400567H	MANIPULATOR REPAIR	4											4	
SH500000D	WASTE PACKAGING/DISP	75											75	
SH400415F	SHF AL CRANE PREV.	5										5		
SH500315L	STATIC PRESSURE ALAR	10										10		
BC400576	B-CELL MANIPULATOR C.	20										20		
BC40057Q	MANIPULATOR REPAIR	4										4		
SH500001C	WASTE PACKAGING/DISP	5										5		
SH40056J	MANIPULATOR CHANGE	4											4	

SUBTOTAL PNL		5555	63	973	868	1320	468	228	308	217	363	243	362	142
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TOTAL	RPT	7630	371	1177	872	1624	632	897	476	351	467	247	366	150
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1995

Detailed Dose Estimates by Activity - PNL

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

TOTAL USAGE FOR MONTH

[illegible]

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

TOTAL USAGE FOR MONTH

[illegible]

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

TOTAL USAGE FOR MONTH

[illegible]

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 5

TOTAL USAGE FOR MONTH

[illegible]

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 516
08:59

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 6

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
BC400565	- B-CELL MANIPULATOR CHANGE													
TECH	TECHNICIAN	20	20											
TOTAL	BC400565	50	50											
BC400566	- B-CELL MANIPULATOR CHANGE													
MLLWRGHT	MILLWRIGHT	10		10										
RPT	RADIATION PROTECTION	20		20										
TECH	TECHNICIAN	20		20										
TOTAL	BC400566	50		50										
BC400567	- B-CELL MANIPULATOR CHANGE													
MLLWRGHT	MILLWRIGHT	10			10									
RPT	RADIATION PROTECTION	20			20									
TECH	TECHNICIAN	20			20									
TOTAL	BC400567	50			50									
BC400568	- B-CELL MANIPULATOR CHANGE													
MLLWRGHT	MILLWRIGHT	10				10								
RPT	RADIATION PROTECTION	20				20								
TECH	TECHNICIAN	20				20								
TOTAL	BC400568	50				50								
BC400569	- B-CELL MANIPULATOR CHANGE													
MLLWRGHT	MILLWRIGHT	10					10							
RPT	RADIATION PROTECTION	20					20							
TECH	TECHNICIAN	20					20							
TOTAL	BC400569	50					50							
BC400570	- B-CELL MANIPULATOR CHANGE													
MLLWRGHT	MILLWRIGHT	10						10						
RPT	RADIATION PROTECTION	20						20						
TECH	TECHNICIAN	20						20						
TOTAL	BC400570	50						50						

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 7

TOTAL USAGE FOR MONTH

[illegible]

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 516
08:59

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 8

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
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BC400576 - 8-CELL MANIPULATOR CHANGE

TOTAL	BC400576	50												50
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BC40057F - MANIPULATOR REPAIR

MLLWRGHT	MILLWRIGHT	100	100											
RPT	RADIATION PROTECTION	20	20											
TECH	TECHNICIAN	60	60											

TOTAL	BC40057F	180	180											
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BC40057G - MANIPULATOR REPAIR

MLLWRGHT	MILLWRIGHT	100		100										
RPT	RADIATION PROTECTION	20		20										
TECH	TECHNICIAN	60		60										

TOTAL	BC40057G	180		180										
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BC40057H - MANIPULATOR REPAIR

MLLWRGHT	MILLWRIGHT	100			100									
RPT	RADIATION PROTECTION	20			20									
TECH	TECHNICIAN	60			60									

TOTAL	BC40057H	180			180									
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BC40057I - MANIPULATOR REPAIR

MLLWRGHT	MILLWRIGHT	100				100								
RPT	RADIATION PROTECTION	20				20								
TECH	TECHNICIAN	60				60								

TOTAL	BC40057I	180				180								
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BC40057J - MANIPULATOR REPAIR

MLLWRGHT	MILLWRIGHT	100					100							
RPT	RADIATION PROTECTION	20					20							
TECH	TECHNICIAN	60					60							

TOTAL	BC40057J	180					180							
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324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 9

TOTAL USAGE FOR MONTH

[illegible]

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

TOTAL USAGE FOR MONTH

			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
RESOURCE	RESOURCE DESCRIPTION	TOTAL	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995
<hr/>														
BC40255D	- DECON AIRLOCK													
<hr/>														
TOTAL	BC40255D	535				535								
<hr/>														
BC40255E	- DECON AIRLOCK													
ASSIST	ASSIST PERSON	60				60								
RPT	RADIATION PROTECTION	75				75								
TECH	TECHNICIAN	350				350								
UNDRESSR	UNDRESSER	50				50								
<hr/>														
TOTAL	BC40255E	535				535								
<hr/>														
BC40255F	- DECON AIRLOCK													
ASSIST	ASSIST PERSON	60				60								
RPT	RADIATION PROTECTION	75				75								
TECH	TECHNICIAN	350				350								
UNDRESSR	UNDRESSER	50				50								
<hr/>														
TOTAL	BC40255F	535				535								
<hr/>														
BC40255G	- DECON AIRLOCK													
ASSIST	ASSIST PERSON	60				60								
RPT	RADIATION PROTECTION	75				75								
TECH	TECHNICIAN	350				350								
UNDRESSR	UNDRESSER	50				50								
<hr/>														
TOTAL	BC40255G	535				535								
<hr/>														
BC40255H	- DECON AIRLOCK													
ASSIST	ASSIST PERSON	60				60								
RPT	RADIATION PROTECTION	75				75								
TECH	TECHNICIAN	350				350								
UNDRESSR	UNDRESSER	50				50								
<hr/>														
TOTAL	BC40255H	535				535								
<hr/>														
BC40255I	- DECON AIRLOCK													
ASSIST	ASSIST PERSON	60				60								
RPT	RADIATION PROTECTION	75				75								
TECH	TECHNICIAN	350				350								
UNDRESSR	UNDRESSER	50				50								

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 12

			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
RESOURCE	RESOURCE DESCRIPTION	TOTAL	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995
BC40255I	- DECON AIRLOCK													
TOTAL	BC40255I	535					535							
BC40255J	- DECON AIRLOCK													
ASSIST	ASSIST PERSON	60					60							
RPT	RADIATION PROTECTION	75					75							
TECH	TECHNICIAN	350					350							
UNDRESSR	UNDRESSER	50					50							
TOTAL	BC40255J	535					535							
BC500086A	- CRANE MAINTENANCE													
ASSIST	ASSIST PERSON	100	100											
MILLWRIGHT	MILLWRIGHT	500	500											
UNDRESSR	UNDRESSER	150	150											
TOTAL	BC500086A	750	750											
BC500086B	- CRANE MAINTENANCE													
ASSIST	ASSIST PERSON	100		100										
MILLWRIGHT	MILLWRIGHT	500		500										
UNDRESSR	UNDRESSER	150		150										
TOTAL	BC500086B	750		750										
BC500086C	- CRANE MAINTENANCE													
ASSIST	ASSIST PERSON	100		100										
MILLWRIGHT	MILLWRIGHT	500		500										
RPT	RADIATION PROTECTION	300		300										
UNDRESSR	UNDRESSER	150		150										
TOTAL	BC500086C	1050		1050										
BC600220A	- REMOVE PIPETRENCH COVER BLOCKS													
MILLWRIGHT	MILLWRIGHT	420					420							
UNDRESSR	UNDRESSER	24					24							
TOTAL	BC600220A	444					444							

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 516
08:59

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 13

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
BC600220B - REMOVE PIPETRENCH COVER BLOCKS														
MLLWRGHT	MILLWRIGHT	420					420							
UNDRESSR	UNDRESSER	24					24							
TOTAL	BC600220B	444					444							
BC600220C - REMOVE PIPETRENCH COVER BLOCKS														
MLLWRGHT	MILLWRIGHT	420					420							
UNDRESSR	UNDRESSER	24					24							
TOTAL	BC600220C	444					444							
BC600220D - REMOVE PIPETRENCH COVERBLOCKS														
MLLWRGHT	MILLWRIGHT	420					420							
UNDRESSR	UNDRESSER	24					24							
TOTAL	BC600220D	444					444							
BC600220E - REMOVE PIPETRENCH COVERBLOCKS														
RPT	RADIATION PROTECTION	60					60							
UNDRESSR	UNDRESSER	24					24							
TOTAL	BC600220E	84					84							
BC700110A - LLW CAMPAIGN #6 - 1ST SHIPMENT														
ASSIST	ASSIST PERSON	27									27			
ENTRY PE	ENTRY PERSON	90									90			
RPT	RADIATION PROTECTION	45									45			
UNDRESSR	UNDRESSER	32									32			
TOTAL	BC700110A	194									194			
BC700110B - LLW CAMPAIGN #6 - 2ND SHIPMENT														
ASSIST	ASSIST PERSON	27									27			
ENTRY PE	ENTRY PERSON	90									90			
RPT	RADIATION PROTECTION	45									45			
UNDRESSR	UNDRESSER	32									32			
TOTAL	BC700110B	194									194			

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 516
08:59

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 14

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
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BC700110C - LLW CAMPAIGN #6 3RD SHIPMENT

ASSIST	ASSIST PERSON	27									27			
ENTRY PE	ENTRY PERSON	90									90			
RPT	RADIATION PROTECTION	45									45			
UNDRESSR	UNDRESSER	32									32			

TOTAL	BC700110C	194									194			
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BC700110D - LLW CAMPAIGN #6 - 4TH SHIPMENT

ASSIST	ASSIST PERSON	27										27		
ENTRY PE	ENTRY PERSON	90										90		
RPT	RADIATION PROTECTION	45										45		
UNDRESSR	UNDRESSER	32										32		

TOTAL	BC700110D	194										194		
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BC700110E - LLW CAMPAIGN #6 - 5TH SHIPMENT

ASSIST	ASSIST PERSON	27										27		
ENTRY PE	ENTRY PERSON	90										90		
RPT	RADIATION PROTECTION	45										45		
UNDRESSR	UNDRESSER	32										32		

TOTAL	BC700110E	194										194		
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BC700110F - AIRLOCK CLEANOUT

ASSIST	ASSIST PERSON	32									32			
RPT	RADIATION PROTECTION	41									41			
TECH	TECHNICIAN	189									189			
UNDRESSR	UNDRESSER	27									27			

TOTAL	BC700110F	289									289			
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BC700110G - LLW CAMPAIGN #6 - 6TH SHIPMENT

ASSIST	ASSIST PERSON	30										30		
ENTRY PE	ENTRY PERSON	100										100		
RPT	RADIATION PROTECTION	50										50		
UNDRESSR	UNDRESSER	35										35		

TOTAL	BC700110G	215										215		
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BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 516
08:59

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 15

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
BC700110H - AIRLOCK CLEANOUT														
ASSIST	ASSIST PERSON	30										30		
TECH	TECHNICIAN	175										175		
UNDRESSR	UNDRESSER	25										25		
TOTAL	BC700110H	230										230		
BC700110I - LLW CAMPAIGN #6 - 9TH SHIPMENT														
ASSIST	ASSIST PERSON	30											30	
ENTRY PE	ENTRY PERSON	100											100	
RPT	RADIATION PROTECTION	50											50	
UNDRESSR	UNDRESSER	35											35	
TOTAL	BC700110I	215											215	
BC700110J - LLW CAMPAIGN #6 - 7TH SHIPMENT														
ASSIST	ASSIST PERSON	30											30	
ENTRY PE	ENTRY PERSON	100											100	
RPT	RADIATION PROTECTION	50											50	
UNDRESSR	UNDRESSER	35											35	
TOTAL	BC700110J	215											215	
BC700110K - LLW CAMPAIGN #6 - 10TH SHIPMENT														
ASSIST	ASSIST PERSON	30											30	
ENTRY PE	ENTRY PERSON	100											100	
RPT	RADIATION PROTECTION	50											50	
UNDRESSR	UNDRESSER	35											35	
TOTAL	BC700110K	215											215	
BC700110L - LLW CAMPAIGN #6 - 8TH SHIPMENT														
ASSIST	ASSIST PERSON	30											30	
ENTRY PE	ENTRY PERSON	100											100	
RPT	RADIATION PROTECTION	50											50	
UNDRESSR	UNDRESSER	35											35	
TOTAL	BC700110L	215											215	
BCNA6030 - NEUTRON ANALYZER INSTALLED IN AIRLOCK														
ASSIST	ASSIST PERSON	100						100						

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 516
08:59

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 16

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
BCNA6030 - NEUTRON ANALYZER INSTALLED IN AIRLOCK														
TECH	TECHNICIAN	75				75								
UNDRESSR	UNDRESSER	25				25								
TOTAL	BCNA6030	200				200								
BCNA6030B - NEUTRON ANALYZER INSTALLED IN AIRLOCK														
ASSIST	ASSIST PERSON	60					60							
TECH	TECHNICIAN	45					45							
UNDRESSR	UNDRESSER	15					15							
TOTAL	BCNA6030B	120					120							
BCNA6030D - NEUTRON ANALYZER INSTALLED IN AIRLOCK														
ASSIST	ASSIST PERSON	100									100			
TECH	TECHNICIAN	75									75			
UNDRESSR	UNDRESSER	25									25			
TOTAL	BCNA6030D	200									200			
BCRCR0160A - INSTALL RATED CONTAINERS														
ASSIST	ASSIST PERSON	90											90	
RPT	RADIATION PROTECTION	45											45	
TECH	TECHNICIAN	90											90	
UNDRESSR	UNDRESSER	22											22	
TOTAL	BCRCR0160A	247											247	
BCRCR0160B - INSTALL RATED CONTAINERS														
ASSIST	ASSIST PERSON	90											90	
RPT	RADIATION PROTECTION	45											45	
TECH	TECHNICIAN	90											90	
UNDRESSR	UNDRESSER	23											23	
TOTAL	BCRCR0160B	248											248	
BCWC8025A - FUNCTION TEST COMPACTOR														
ASSIST	ASSIST PERSON	27							27					
RPT	RADIATION PROTECTION	34							34					
TECH	TECHNICIAN	158							158					
UNDRESSR	UNDRESSER	23							23					

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 516
08:59

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 17

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
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BCWC8025A - FUNCTION TEST COMPACTOR

TOTAL	BCWC8025A	242							242					
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SM400020 - PM ON BLDG HOT CELL EXHAUST

AIR-BAL	AIR-BALANCE	20		20										
RPT	RADIATION PROTECTION	5		5										
TECH	TECHNICIAN	10		10										

TOTAL	SM400020	35		35										
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SM400025 - B-CELL SHIELDED DOOR PREV. MAINT.

ASSIST	ASSIST PERSON	40			40									
ELCTRCN	ELECTRICIAN	400			400									
MILLWRIGHT	MILLWRIGHT	400			400									
RPT	RADIATION PROTECTION	75			75									
TECH	TECHNICIAN	750			750									
UNDRESSR	UNDRESSER	150			150									

TOTAL	SM400025	1815			1815									
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SM400415B - D-CELL CRANE PREV. MAINT.

ASSIST	ASSIST PERSON	225						225						
ELCTRCN	ELECTRICIAN	400						400						
MILLWRIGHT	MILLWRIGHT	1200						1200						
RPT	RADIATION PROTECTION	200						200						
TECH	TECHNICIAN	1500						1500						
UNDRESSR	UNDRESSER	450						450						

TOTAL	SM400415B	3975						3975						
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SM400415C - S-CELL PAR PREV. MAINT.

ASSIST	ASSIST PERSON	10						10						
ELCTRCN	ELECTRICIAN	400						400						
MILLWRIGHT	MILLWRIGHT	1200						1200						
RPT	RADIATION PROTECTION	50						50						
TECH	TECHNICIAN	800						800						
UNDRESSR	UNDRESSER	60						60						

TOTAL	SM400415C	2520						2520						
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324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 18

TOTAL USAGE FOR MONTH

MILLWRIGHT	MILLWRIGHT	10	10
RPT	RADIATION PROTECTION	4	4

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 516
08:59

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 19

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
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SM400565C - MANIPULATOR CHANGE

TECH	TECHNICIAN	20			20									
TOTAL	SM400565C	34			34									

SM400565D - MANIPULATOR CHANGE

MILLWRGHT	MILLWRIGHT	10					10							
RPT	RADIATION PROTECTION	4					4							
TECH	TECHNICIAN	20					20							
TOTAL	SM400565D	34					34							

SM400567D - MANIPULATOR REPAIR

MILLWRGHT	MILLWRIGHT	100	100											
RPT	RADIATION PROTECTION	4	4											
TECH	TECHNICIAN	60	60											
TOTAL	SM400567D	164	164											

SM400567E - MANIPULATOR REPAIR

MILLWRGHT	MILLWRIGHT	100	100											
RPT	RADIATION PROTECTION	4	4											
TECH	TECHNICIAN	60	60											
TOTAL	SM400567E	164	164											

SM400567F - MANIPULATOR REPAIR

MILLWRGHT	MILLWRIGHT	100			100									
RPT	RADIATION PROTECTION	4			4									
TECH	TECHNICIAN	60			60									
TOTAL	SM400567F	164			164									

SM400567G - MANIPULATOR REPAIR

MILLWRGHT	MILLWRIGHT	100					100							
RPT	RADIATION PROTECTION	4					4							
TECH	TECHNICIAN	60					60							
TOTAL	SM400567G	164					164							

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 20

TOTAL USAGE FOR MONTH

[illegible]

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 516
08:59

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 21

RESOURCE LOADING DETAIL - PHL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
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SH400567H - MANIPULATOR REPAIR

TOTAL	SH400567H	164												164
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SH40056E - MANIPULATOR CHANGE

MILLWRIGHT	MILLWRIGHT	10						10						
RPT	RADIATION PROTECTION	4						4						
TECH	TECHNICIAN	20						20						
TOTAL	SH40056E	34						34						

SH40056F - MANIPULATOR CHANGE

MILLWRIGHT	MILLWRIGHT	10							10					
RPT	RADIATION PROTECTION	4							4					
TECH	TECHNICIAN	20							20					
TOTAL	SH40056F	34							34					

SH40056G - MANIPULATOR CHANGE

MILLWRIGHT	MILLWRIGHT	10								10				
RPT	RADIATION PROTECTION	4								4				
TECH	TECHNICIAN	20								20				
TOTAL	SH40056G	34								34				

SH40056H - MANIPULATOR CHANGE

MILLWRIGHT	MILLWRIGHT	10									10			
RPT	RADIATION PROTECTION	4									4			
TECH	TECHNICIAN	20									20			
TOTAL	SH40056H	34									34			

SH40056I - MANIPULATOR CHANGE

MILLWRIGHT	MILLWRIGHT	10										10		
RPT	RADIATION PROTECTION	4										4		
TECH	TECHNICIAN	20										20		
TOTAL	SH40056I	34										34		

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 22

TOTAL USAGE FOR MONTH

[illegible]

BATTTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 516
08:59

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 23

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
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SM500000E - WASTE PACKAGING/DISPOSAL -COMPACTOR

TECH	TECHNICIAN	5	5											
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TOTAL	SM500000E	10	10											
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SM500000G - WASTE PACKAGING/DISPOSAL -COMPACTOR

RPT	RADIATION PROTECTION	5		5										
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TECH	TECHNICIAN	5		5										
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TOTAL	SM500000G	10		10										
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SM500000J - WASTE PACKAGING/DISPOSAL -COMPACTOR

RPT	RADIATION PROTECTION	5			5									
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TECH	TECHNICIAN	5			5									
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TOTAL	SM500000J	10			10									
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SM500000K - WASTE PACKAGING/DISPOSAL -COMPACTOR

RPT	RADIATION PROTECTION	5				5								
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TECH	TECHNICIAN	5				5								
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TOTAL	SM500000K	10				10								
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SM500000L - WASTE PACKAGING/DISPOSAL -COMPACTOR

RPT	RADIATION PROTECTION	5				5								
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TECH	TECHNICIAN	5				5								
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TOTAL	SM500000L	10				10								
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SM500000M - WASTE PACKAGING/DISPOSAL -COMPACTOR

RPT	RADIATION PROTECTION	5					5							
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TECH	TECHNICIAN	5					5							
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TOTAL	SM500000M	10					10							
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SM500000N - WASTE PACKAGING/DISPOSAL -COMPACTOR

RPT	RADIATION PROTECTION	5					5							
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TECH	TECHNICIAN	5					5							
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BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 516
08:59

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 24

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
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SM500000N - WASTE PACKAGING/DISPOSAL -COMPACTOR

TOTAL	SM500000N	10						10						
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SM500000O - WASTE PACKAGING/DISPOSAL -COMPACTOR

RPT	RADIATION PROTECTION	5						5						
TECH	TECHNICIAN	5						5						
TOTAL	SM500000O	10						10						

SM500000P - WASTE PACKAGING/DISPOSAL -COMPACTOR

RPT	RADIATION PROTECTION	5						5						
TECH	TECHNICIAN	5						5						
TOTAL	SM500000P	10						10						

SM500000Q - WASTE PACKAGING/DISPOSAL -COMPACTOR

RPT	RADIATION PROTECTION	5							5					
TECH	TECHNICIAN	5							5					
TOTAL	SM500000Q	10							10					

SM500000R - WASTE PACKAGING/DISPOSAL -COMPACTOR

RPT	RADIATION PROTECTION	5							5					
TECH	TECHNICIAN	5							5					
TOTAL	SM500000R	10							10					

SM500000S - WASTE PACKAGING/DISPOSAL -COMPACTOR

RPT	RADIATION PROTECTION	5								5				
TECH	TECHNICIAN	5								5				
TOTAL	SM500000S	10								10				

SM500000T - WASTE PACKAGING/DISPOSAL -COMPACTOR

RPT	RADIATION PROTECTION	5								5				
TECH	TECHNICIAN	5								5				
TOTAL	SM500000T	10								10				

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 516
08:59

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 25

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
SM500000U - WASTE PACKAGING/DISPOSAL -COMPACTOR														
RPT	RADIATION PROTECTION	5								5				
TECH	TECHNICIAN	5								5				
TOTAL	SM500000U	10								10				
SM500000V - WASTE PACKAGING/DISPOSAL -COMPACTOR														
RPT	RADIATION PROTECTION	5								5				
TECH	TECHNICIAN	5								5				
TOTAL	SM500000V	10								10				
SM500000W - WASTE PACKAGING/DISPOSAL -COMPACTOR														
RPT	RADIATION PROTECTION	5								5				
TECH	TECHNICIAN	5								5				
TOTAL	SM500000W	10								10				
SM500000X - WASTE PACKAGING/DISPOSAL -COMPACTOR														
RPT	RADIATION PROTECTION	5									5			
TECH	TECHNICIAN	5									5			
TOTAL	SM500000X	10									10			
SM500000Y - WASTE PACKAGING/DISPOSAL -COMPACTOR														
RPT	RADIATION PROTECTION	5									5			
TECH	TECHNICIAN	5									5			
TOTAL	SM500000Y	10									10			
SM500000Z - WASTE PACKAGING/DISPOSAL -COMPACTOR														
RPT	RADIATION PROTECTION	5										5		
TECH	TECHNICIAN	5										5		
TOTAL	SM500000Z	10										10		
SM500001A - WASTE PACKAGING/DISPOSAL -COMPACTOR														
RPT	RADIATION PROTECTION	5										5		
TECH	TECHNICIAN	5										5		

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 26

AIR-BAL	AIR-BALANCE	10	10
RPT	RADIATION PROTECTION	10	10
TECH	TECHNICIAN	10	10

BATTTELLE PACIFIC HW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 516
08:59

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 27

RESOURCE LOADING DETAIL - PHL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
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SM500315B - STATIC PRESSURE ALARM TEST

TOTAL	SM500315B	30		30										
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SM500315C - STATIC PRESSURE ALARM TEST

AIR-BAL	AIR-BALANCE	10			10									
RPT	RADIATION PROTECTION	10			10									
TECH	TECHNICIAN	10			10									
TOTAL	SM500315C	30			30									

SM500315D - STATIC PRESSURE ALARM TEST

AIR-BAL	AIR-BALANCE	10				10								
RPT	RADIATION PROTECTION	10				10								
TECH	TECHNICIAN	10				10								
TOTAL	SM500315D	30				30								

SM500315E - STATIC PRESSURE ALARM TEST

AIR-BAL	AIR-BALANCE	10					10							
RPT	RADIATION PROTECTION	10					10							
TECH	TECHNICIAN	10					10							
TOTAL	SM500315E	30					30							

SM500315F - STATIC PRESSURE ALARM TEST

AIR-BAL	AIR-BALANCE	10						10						
RPT	RADIATION PROTECTION	10						10						
TECH	TECHNICIAN	10						10						
TOTAL	SM500315F	30						30						

SM500315G - STATIC PRESSURE ALARM TEST

AIR-BAL	AIR-BALANCE	10							10					
RPT	RADIATION PROTECTION	10							10					
TECH	TECHNICIAN	10							10					
TOTAL	SM500315G	30							30					

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 516
08:59

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 28

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
SM500315H - STATIC PRESSURE ALARM TEST														
AIR-BAL	AIR-BALANCE	10								10				
RPT	RADIATION PROTECTION	10								10				
TECH	TECHNICIAN	10								10				
TOTAL	SM500315H	30								30				
SM500315I - STATIC PRESSURE ALARM TEST														
AIR-BAL	AIR-BALANCE	10								10				
RPT	RADIATION PROTECTION	10								10				
TECH	TECHNICIAN	10								10				
TOTAL	SM500315I	30								30				
SM500315J - STATIC PRESSURE ALARM TEST														
AIR-BAL	AIR-BALANCE	10										10		
RPT	RADIATION PROTECTION	10										10		
TECH	TECHNICIAN	10										10		
TOTAL	SM500315J	30										30		
SM500315K - STATIC PRESSURE ALARM TEST														
AIR-BAL	AIR-BALANCE	5											5	
RPT	RADIATION PROTECTION	5											5	
TECH	TECHNICIAN	5											5	
TOTAL	SM500315K	15											15	
SM500315L - STATIC PRESSURE ALARM TEST														
AIR-BAL	AIR-BALANCE	10												10
RPT	RADIATION PROTECTION	10												10
TECH	TECHNICIAN	10												10
TOTAL	SM500315L	30												30
SM901375 - C-CELL SHIELDED DOOR PREV. MAINT.														
ASSIST	ASSIST PERSON	40					40							
ELECTRCN	ELECTRICIAN	400					400							
MLLRGHT	MILLWRIGHT	400					400							
RPT	RADIATION PROTECTION	75					75							
TECH	TECHNICIAN	750					750							

BATTELLE PACIFIC HW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 516
08:59

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 29

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
SM901375 - C-CELL SHIELDED DOOR PREV. MAINT.														
UNDRESSR	UNDRESSER	150					150							
TOTAL	SM901375	1815					1815							
SM901380 - D-CELL SHIELDED DOOR PREV. MAINT.														
ASSIST	ASSIST PERSON	40					40							
ELCTRCH	ELECTRICIAN	400					400							
MILLWRGHT	MILLWRIGHT	400					400							
RPT	RADIATION PROTECTION	75					75							
TECH	TECHNICIAN	750					750							
UNDRESSR	UNDRESSER	150					150							
TOTAL	SM901380	1815					1815							
SM901385 - SMF SHIELDED DOOR PREV. MAINT.														
ELCTRCH	ELECTRICIAN	5						5						
MILLWRGHT	MILLWRIGHT	10						10						
TECH	TECHNICIAN	10						10						
TOTAL	SM901385	25						25						
SM901685 - HEPA (A-FRAME)														
AIR-BAL	AIR-BALANCE	200		200										
ASSIST	ASSIST PERSON	20		20										
MILLWRGHT	MILLWRIGHT	400		400										
RPT	RADIATION PROTECTION	100		100										
TECH	TECHNICIAN	300		300										
TOTAL	SM901685	1020		1020										
SM901685B - HEPA (A-FRAME)														
AIR-BAL	AIR-BALANCE	200							200					
ASSIST	ASSIST PERSON	20							20					
MILLWRGHT	MILLWRIGHT	400							400					
RPT	RADIATION PROTECTION	100							100					
TECH	TECHNICIAN	300							300					
TOTAL	SM901685B	1020							1020					

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 30

TOTAL USAGE FOR MONTH

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BATTTELLE PACIFIC NW LABOR 'ORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 516
08:59

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 31

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
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SHF107 - WASTE DISPOSAL

TOTAL	SHF107	30												30
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SH400415H - S-CELL CRANE PREV. MAINT.

ASSIST	ASSIST PERSON	10									10			
ELECTRN	ELECTRICIAN	400									400			
MLLWRGHT	MILLWRIGHT	1200									1200			
RPT	RADIATION PROTECTION	50									50			
TECH	TECHNICIAN	800									800			
UNDRESSR	UNDRESSER	60									60			

TOTAL	SH400415H	2520									2520			
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REPORT TOTAL		48193	1218	5483	5938	8638	5952	2748	4716	4042	4508	1751	2097	1102
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1995

Detailed Dose Estimates by Resource - PNL

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

TOTAL USAGE FOR MONTH

ASSIST - ASSIST PERSON (MR)

BC500086A	CRANE MAINTENANCE	100	100	
BC40047A	LLW CAMPAIGN #5 - 8t	60		60
BC500086B	CRANE MAINTENANCE	100		100
BC500086C	CRANE MAINTENANCE	100		100
BC40047B	LLW CAMPAIGN #5 - 9T	60		60
SM901685	HEPA (A-FRAME)	20		20
BC40047C	LLW CAMPAIGN #5 - 10	60		60
BC40047D	LLW CAMPAIGN #5 - 11	60		60
BC40047E	LLW CAMPAIGN #5 - 12	60		60
BC40047F	AIRLOCK CLEANOUT	60		60
BC40047H	LLW CAMPAIGN #5 - 13	60		60
BC40047I	LLW WASTE CAMPAIGN #	60		60
SH500000	WASTE PACKAGING/DISP	50		50
BC40047J	LLW CAMPAIGN #5 - 15	60		60
SH400025	B-CELL SHIELDED DOOR	40		40
BC40047K	LLW CAMPAIGN #5 - 16	60		60
BC40047L	LLW CAMPAIGN #5 - 17	60		60
BC40047M	AIRLOCK CLEANOUT	60		60
BC40047N	LLW CAMPAIGN #5 - 18	60		60
BC11210A	UHP DECON SYS. INSTA	175		175
BC40047O	LLW CAMPAIGN #5 - 19	60		60
BC40047P	LLW CAMPAIGN #5 - 20	60		60
BC11210B	UHP DECON SYS. INSTA	175		175
BC40047Q	LLW CAMPAIGN #5 - 21	60		60
BC40255A	DECON AIRLOCK	60		60

BATTILLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 486
06:17

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
ASSIST	- ASSIST PERSON (MR)													
BC40255B	DECON AIRLOCK	60				60								
BC40048R	LLW CAMPAIGN #5 - 22	60				60								
BC40255C	DECON AIRLOCK	60				60								
BC40255D	DECON AIRLOCK	60				60								
BCMA6030	NEUTRON ANALYZER INS	100				100								
BC40255E	DECON AIRLOCK	60				60								
BC40255F	DECON AIRLOCK	60				60								
BC40255G	DECON AIRLOCK	60				60								
BC40255H	DECON AIRLOCK	60				60								
BC40047S	LLW CAMPAIGN #5 - 23	36				36								
SM90137S	C-CELL SHIELDED DOOR	40					40							
BCMA6030B	NEUTRON ANALYZER INS	60					60							
BC40255I	DECON AIRLOCK	60					60							
BC40255J	DECON AIRLOCK	60					60							
BC40047U	LLW CAMPAIGN #5 - 24	36					36							
BC40047X	AIRLOCK CLEANOUT	36					36							
SM500000B	WASTE PACKAGING/DISP	50						50						
SM901380	D-CELL SHIELDED DOOR	40						40						
BCWC8025A	FUNCTION TEST COMPAC	27							27					
SM400415B	D-CELL CRANE PREV. M	225							225					
SM400415C	S-CELL PAR PREV. MA	10								10				
SM901685B	HEPA (A-FRAME)	20								20				
SM500000C	WASTE PACKAGING/DISP	50									50			
BC700110A	LLW CAMPAIGN #6 - 1S	27										27		
SM400415M	S-CELL CRANE PREV.	10										10		
BC700110B	LLW CAMPAIGN #6 - 2N	27										27		
BC700110C	LLW CAMPAIGN #6 3RD	27										27		
BCMA603D	NEUTRON ANALYZER INS	100									100			
BC700110F	AIRLOCK CLEANOUT	32									32			
BC700110D	LLW CAMPAIGN #6 - 4T	27										27		
BC28070A	REMOVE JUMPERS	23											23	
BC700110E	LLW CAMPAIGN #6 - 5T	27											27	
BC28070B	REMOVE JUMPERS	90											90	
BC700110G	LLW CAMPAIGN #6 - 6T	30											30	
BC700110H	AIRLOCK CLEANOUT	30											30	
BC700110J	LLW CAMPAIGN #6 - 7T	30												30
BC700110L	LLW CAMPAIGN #6 - 8T	30												30
BCRCR0160A	INSTALL RATED CONTAI	90												90
BCRCR0160B	INSTALL RATED CONTAI	90												90
BC700110I	LLW CAMPAIGN #6 - 9T	30												30
BC700110K	LLW CAMPAIGN #6 - 10	30												30
SM500000D	WASTE PACKAGING/DISP	50												50
TOTAL	ASSIST	3910	100	520	510	1266	292	90	252	30	273	227	300	50

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

TOTAL USAGE FOR MONTH

ENTRY PE - ENTRY PERSON ()

BC40047A	LLW CAMPAIGN #5 - 8t	200	200	
BC40047B	LLW CAMPAIGN #5 - 9T	200	200	
BC40047C	LLW CAMPAIGN #5 - 10	200	200	
BC40047D	LLW CAMPAIGN #5 - 11	200	200	
BC40047E	LLW CAMPAIGN #5 - 12	200	200	
BC40047H	LLW CAMPAIGN #5 - 13	200	200	
BC40047I	LLW WASTE CAMPAIGN #	200	200	
BC40047J	LLW CAMPAIGN #5 - 15	200	200	
BC40047K	LLW CAMPAIGN #5 - 16	200	200	
BC40047L	LLW CAMPAIGN #5 - 17	200	200	
BC40047H	LLW CAMPAIGN #5 - 18	200	200	
BC40047O	LLW CAMPAIGN #5 - 19	200	200	
BC40047P	LLW CAMPAIGN #5 - 20	200	200	
BC40047Q	LLW CAMPAIGN #5 - 21	200	200	
BC40048R	LLW CAMPAIGN #5 - 22	200	200	
BC40047S	LLW CAMPAIGN #5 - 23	120	120	
BC40047U	LLW CAMPAIGN #5 - 24	120	120	
BC700110A	LLW CAMPAIGN #6 - 1S	90	90	
BC700110B	LLW CAMPAIGN #6 - 2N	90	90	
BC700110C	LLW CAMPAIGN #6 3RD	90	90	
BC700110D	LLW CAMPAIGN #6 - 4T	90	90	
BC700110E	LLW CAMPAIGN #6 - 5T	90	90	
BC700110G	LLW CAMPAIGN #6 - 6T	100	100	
BC700110J	LLW CAMPAIGN #6 - 7T	100	100	
BC700110L	LLW CAMPAIGN #6 - 8T	100	100	
BC700110I	LLW CAMPAIGN #6 - 9T	100	100	
BC700110K	LLW CAMPAIGN #6 - 10	100	100	

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 486
06:17

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 4

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
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ENTRY PE - ENTRY PERSON ()

TOTAL	ENTRY PE	4190	1000	1000	1120	120					270	280	400
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FITTER - ()

BC11210A	UHP DECON SYS. INSTA	700				700							
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TOTAL	FITTER	700				700							
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MILLWRIGHT - MILLWRIGHT ()

BC500086A	CRANE MAINTENANCE	500	500										
BC400565	B-CELL MANIPULATOR C	10	10										
BC40057F	MANIPULATOR REPAIR	100	100										
SM400565	MANIPULATOR CHANGE	10	10										
SM400567D	MANIPULATOR REPAIR	100	100										
BC500086B	CRANE MAINTENANCE	500		500									
BC500086C	CRANE MAINTENANCE	500		500									
SM901685	HEPA (A-FRAME)	400		400									
BC400566	B-CELL MANIPULATOR C	10		10									
BC40057G	MANIPULATOR REPAIR	100		100									
SM400565B	MANIPULATOR CHANGE	10		10									
SM400567E	MANIPULATOR REPAIR	100		100									
SM400025	B-CELL SHIELDED DOOR	400			400								
BC40057H	MANIPULATOR REPAIR	100			100								
BC400567	B-CELL MANIPULATOR C	10			10								
SM400565C	MANIPULATOR CHANGE	10			10								
SM400567F	MANIPULATOR REPAIR	100			100								
BC40057I	MANIPULATOR REPAIR	100				100							
BC400568	B-CELL MANIPULATOR C	10				10							
SM901375	C-CELL SHIELDED DOOR	400					400						
BC600220A	REMOVE PIPETRENCH CO	420					420						
BC600220B	REMOVE PIPETRENCH CO	420					420						
SM400567G	MANIPULATOR REPAIR	100					100						
BC600220C	REMOVE PIPETRENCH CO	420					420						
BC600220D	REMOVE PIPETRENCH CO	420					420						
SM400565D	MANIPULATOR CHANGE	10					10						
BC40057J	MANIPULATOR REPAIR	100					100						
BC400569	B-CELL MANIPULATOR C	10					10						
SM400567H	MANIPULATOR REPAIR	100						100					
SM901380	D-CELL SHIELDED DOOR	400						400					
SM40056E	MANIPULATOR CHANGE	10						10					
BC40057K	MANIPULATOR REPAIR	100						100					
BC400570	B-CELL MANIPULATOR C	10						10					
SM400415B	D-CELL CRANE PREV. M	1200							1200				

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 5

TOTAL USAGE FOR MONTH

RPT - RADIATION PROTECTION TECHNICIAN ()

BC400565	B-CELL MANIPULATOR C	20	20
BC40057F	MANIPULATOR REPAIR	20	20
SM400565	MANIPULATOR CHANGE	4	4
SM400567D	MANIPULATOR REPAIR	4	4
SM500000E	WASTE PACKAGING/DISP	5	5
SM500315	STATIC PRESSURE ALAR	10	10
BC40047A	LLW CAMPAIGN #5 - 8t	100	100
SM400020	PM ON BLDG HOT CELL	5	5
BC500086C	CRANE MAINTENANCE	300	300
BC40047B	LLW CAMPAIGN #5 - 9T	100	100

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 6

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
RPT	- RADIATION PROTECTION TECHNICIAN ()													
SM500000G	WASTE PACKAGING/DISP	5		5										
SM901685	HEPA (A-FRAME)	100		100										
BC40047C	LLW CAMPAIGN #5 - 10	100		100										
BC400566	B-CELL MANIPULATOR C	20		20										
BC40057G	MANIPULATOR REPAIR	20		20										
SM400565B	MANIPULATOR CHANGE	4		4										
SM400567E	MANIPULATOR REPAIR	4		4										
BC40047D	LLW CAMPAIGN #5 - 11	100		100										
SM50000H	WASTE PACKAGING/DISP	5		5										
BC40047E	LLW CAMPAIGN #5 - 12	100		100										
SM500315B	STATIC PRESSURE ALAR	10		10										
BC40047F	AIRLOCK CLEANOUT	75			75									
BC40047H	LLW CAMPAIGN #5 - 13	100			100									
BC40047I	LLW WASTE CAMPAIGN #	100			100									
SM50000I	WASTE PACKAGING/DISP	5			5									
SM500000	WASTE PACKAGING/DISP	75			75									
BC40047J	LLW CAMPAIGN #5 - 15	100			100									
SM400025	B-CELL SHIELDED DOOR	75			75									
BC40047K	LLW CAMPAIGN #5 - 16	100			100									
BC40057H	MANIPULATOR REPAIR	20			20									
SM500000J	WASTE PACKAGING/DISP	5			5									
SM500315C	STATIC PRESSURE ALAR	10			10									
BC40047L	LLW CAMPAIGN #5 - 17	100			100									
BC400567	B-CELL MANIPULATOR C	20			20									
SM400565C	MANIPULATOR CHANGE	4			4									
SM400567F	MANIPULATOR REPAIR	4			4									
BC40047M	AIRLOCK CLEANOUT	75			75									
BC40047N	LLW CAMPAIGN #5 - 18	100				100								
BC11210A	UHP DECON SYS. INSTA	100				100								
BC40047O	LLW CAMPAIGN #5 - 19	100				100								
SM500000K	WASTE PACKAGING/DISP	5				5								
BC40047P	LLW CAMPAIGN #5 - 20	100				100								
BC40047Q	LLW CAMPAIGN #5 - 21	100				100								
BC40255A	DECON AIRLOCK	75				75								
BC40255B	DECON AIRLOCK	75				75								
BC40048R	LLW CAMPAIGN #5 - 22	100				100								
BC40255C	DECON AIRLOCK	75				75								
BC40255D	DECON AIRLOCK	75				75								
BC40255E	DECON AIRLOCK	75				75								
BC40255F	DECON AIRLOCK	75				75								
BC40057I	MANIPULATOR REPAIR	20				20								
BC40255G	DECON AIRLOCK	75				75								
BC40255H	DECON AIRLOCK	75				75								
SM500000L	WASTE PACKAGING/DISP	5				5								
BC40047S	LLW CAMPAIGN #5 - 23	60				60								

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 486
06:17

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 7

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
RPT - RADIATION PROTECTION TECHNICIAN ()														
SM500315D	STATIC PRESSURE ALAR	10				10								
BC400568	B-CELL MANIPULATOR C	20				20								
SM901375	C-CELL SHIELDED DOOR	75					75							
SM400567G	MANIPULATOR REPAIR	4					4							
SM500000H	WASTE PACKAGING/DISP	5					5							
SMF100	WASTE DISPOSAL	10					10							
BC600220E	REMOVE PIPETRENCH CO	60					60							
SM400565D	MANIPULATOR CHANGE	4					4							
SM500000H	WASTE PACKAGING/DISP	5					5							
BC40057J	MANIPULATOR REPAIR	20					20							
BC40255I	DECON AIRLOCK	75					75							
BC40255J	DECON AIRLOCK	75					75							
BC40047U	LLW CAMPAIGN #5 - 24	60					60							
BC40047X	AIRLOCK CLEANOUT	45					45							
SM500315E	STATIC PRESSURE ALAR	10					10							
BC400569	B-CELL MANIPULATOR C	20					20							
SM5000000	WASTE PACKAGING/DISP	5						5						
SM400567H	MANIPULATOR REPAIR	4						4						
SM500000B	WASTE PACKAGING/DISP	75						75						
SM901380	D-CELL SHIELDED DOOR	75						75						
SM500000P	WASTE PACKAGING/DISP	5						5						
SM40056E	MANIPULATOR CHANGE	4						4						
SMF101	WASTE DISPOSAL	10						10						
BC40057K	MANIPULATOR REPAIR	20						20						
SM500315F	STATIC PRESSURE ALAR	10						10						
BC400570	B-CELL MANIPULATOR C	20						20						
BCWC8025A	FUNCTION TEST COMPAC	34							34					
SM400415B	D-CELL CRANE PREV. M	200							200					
SM500000Q	WASTE PACKAGING/DISP	5							5					
SMF103	WASTE DISPOSAL	10							10					
SM500000R	WASTE PACKAGING/DISP	5							5					
SM400567I	MANIPULATOR REPAIR	4							4					
BC40057L	MANIPULATOR REPAIR	20							20					
SM500315G	STATIC PRESSURE ALAR	10							10					
BC40057I	B-CELL MANIPULATOR C	20							20					
SM500000S	WASTE PACKAGING/DISP	5								5				
SM40056F	MANIPULATOR CHANGE	4								4				
SM400415C	S-CELL PAR PREV. MA	50								50				
SM901685B	HEPA (A-FRAME)	100								100				
SM500000T	WASTE PACKAGING/DISP	5								5				
SMF104	WASTE DISPOSAL	10								10				
SM400567J	MANIPULATOR REPAIR	4								4				
BC40057M	MANIPULATOR REPAIR	4								4				
SM500315H	STATIC PRESSURE ALAR	10								10				
BC400572	B-CELL MANIPULATOR C	20								20				

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 486
06:17

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 8

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
RPT - RADIATION PROTECTION TECHNICIAN ()														
SM500000U	WASTE PACKAGING/DISP	5							5					
SM400566	MANIPULATOR CHANGE	4									4			
SM500000C	WASTE PACKAGING/DISP	75									75			
SM500000V	WASTE PACKAGING/DISP	5									5			
BC700110A	LLW CAMPAIGN #6 - 1S	45									45			
SM400415N	S-CELL CRANE PREV.	50									50			
BC40057N	MANIPULATOR REPAIR	4									4			
BC700110B	LLW CAMPAIGN #6 - 2N	45									45			
SM500315I	STATIC PRESSURE ALAR	10									10			
BC700110C	LLW CAMPAIGN #6 3RD	45									45			
SM400567K	MANIPULATOR REPAIR	4									4			
BC400573	B-CELL MANIPULATOR C	20									20			
BC700110F	AIRLOCK CLEANOUT	41									41			
SM500000W	WASTE PACKAGING/DISP	5									5			
SMF105	WASTE DISPOSAL	10									10			
BC700110D	LLW CAMPAIGN #6 - 4T	45										45		
BC28070A	REMOVE JUMPERS	20										20		
BC700110E	LLW CAMPAIGN #6 - 5T	45										45		
SM500000X	WASTE PACKAGING/DISP	5									5			
BC28070B	REMOVE JUMPERS	20									20			
SM400415D	E-CELL PAR PREV. MA	5									5			
BC700110G	LLW CAMPAIGN #6 - 6T	50									50			
BC400570	MANIPULATOR REPAIR	4									4			
SM500315J	STATIC PRESSURE ALAR	10									10			
SMF106	WASTE DISPOSAL	10									10			
SM40056H	MANIPULATOR CHANGE	4									4			
SM500000Y	WASTE PACKAGING/DISP	5									5			
BC400574	B-CELL MANIPULATOR C	20									20			
BC700110J	LLW CAMPAIGN #6 - 7T	50										50		
SM400567L	MANIPULATOR REPAIR	4										4		
BC28191	RM11POG FILTER CHANG	20										20		
BC700110L	LLW CAMPAIGN #6 - 8T	50										50		
SM500000Z	WASTE PACKAGING/DISP	5									5			
BCRCR0160A	INSTALL RATED CONTAI	45										45		
BCRCR0160B	INSTALL RATED CONTAI	45										45		
BC700110I	LLW CAMPAIGN #6 - 9T	50										50		
SM400415E	E-CELL CRANE PREV.	5									5			
BC700110K	LLW CAMPAIGN #6 - 10	50										50		
BC40057P	MANIPULATOR REPAIR	4									4			
SM500315K	STATIC PRESSURE ALAR	5									5			
SM40056I	MANIPULATOR CHANGE	4									4			
SM500001A	WASTE PACKAGING/DISP	5									5			
BC400575	B-CELL MANIPULATOR C	20									20			
SMF107	WASTE DISPOSAL	10										10		
SM500001B	WASTE PACKAGING/DISP	5										5		

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 9

TOTAL USAGE FOR MONTH

TECH - TECHNICIAN ()

BC400565	B-CELL MANIPULATOR C	20	20	
BC40057F	MANIPULATOR REPAIR	60	60	
SH400565	MANIPULATOR CHANGE	20	20	
SH400567D	MANIPULATOR REPAIR	60	60	
SH500000E	WASTE PACKAGING/DISP	5	5	
SH500315	STATIC PRESSURE ALAR	10	10	
SH400020	PH ON BLDG HOT CELL	10		10
SH500000G	WASTE PACKAGING/DISP	5		5
SH901685	HEPA (A-FRAME)	300		300
BC400566	B-CELL MANIPULATOR C	20		20
BC40057G	MANIPULATOR REPAIR	60		60
SH400565B	MANIPULATOR CHANGE	20		20
SH400567E	MANIPULATOR REPAIR	60		60
SH50000H	WASTE PACKAGING/DISP	5		5
SH500315B	STATIC PRESSURE ALAR	10		10
BC40047F	AIRLOCK CLEANOUT	350		350
SH50000I	WASTE PACKAGING/DISP	5		5
SH500000	WASTE PACKAGING/DISP	200		200
SH400025	B-CELL SHIELDED DOOR	750		750
BC40057H	MANIPULATOR REPAIR	60		60
SH500000J	WASTE PACKAGING/DISP	5		5
SH500315C	STATIC PRESSURE ALAR	10		10
BC400567	B-CELL MANIPULATOR C	20		20
SH400565C	MANIPULATOR CHANGE	20		20
SH400567F	MANIPULATOR REPAIR	60		60
BC40047H	AIRLOCK CLEANOUT	350		350
SH500000K	WASTE PACKAGING/DISP	5		5
BC40255A	DECON AIRLOCK	350		350
BC40255B	DECON AIRLOCK	350		350
BC40255C	DECON AIRLOCK	350		350
BC40255D	DECON AIRLOCK	350		350
BCNA6030	NEUTRON ANALYZER INS	75		75

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 486
06:17

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

DATA DATE 29JAN95 PAGE NO. 10

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
TECH	- TECHNICIAN ()													
BC40255E	DECON AIRLOCK	350				350								
BC40255F	DECON AIRLOCK	350				350								
BC40057I	MANIPULATOR REPAIR	60				60								
BC40255G	DECON AIRLOCK	350				350								
BC40255H	DECON AIRLOCK	350				350								
SM500000L	WASTE PACKAGING/DISP	5				5								
SM500315D	STATIC PRESSURE ALAR	10				10								
BC400568	B-CELL MANIPULATOR C	20				20								
SM901375	C-CELL SHIELDED DOOR	750					750							
SM400567G	MANIPULATOR REPAIR	60					60							
SM500000M	WASTE PACKAGING/DISP	5					5							
SMF100	WASTE DISPOSAL	20					20							
SM400565D	MANIPULATOR CHANGE	20					20							
BCNA6030B	NEUTRON ANALYZER INS	45					45							
SM500000N	WASTE PACKAGING/DISP	5					5							
BC40057J	MANIPULATOR REPAIR	60					60							
BC40255I	DECON AIRLOCK	350					350							
BC40255J	DECON AIRLOCK	350					350							
BC40047X	AIRLOCK CLEANOUT	210					210							
SM500315E	STATIC PRESSURE ALAR	10					10							
BC400569	B-CELL MANIPULATOR C	20					20							
SM500000O	WASTE PACKAGING/DISP	5						5						
SM400567H	MANIPULATOR REPAIR	60						60						
SM500000B	WASTE PACKAGING/DISP	200						200						
SM901380	D-CELL SHIELDED DOOR	750						750						
SM500000P	WASTE PACKAGING/DISP	5						5						
SM40056E	MANIPULATOR CHANGE	20						20						
SMF101	WASTE DISPOSAL	20						20						
BC40057K	MANIPULATOR REPAIR	60						60						
SM500315F	STATIC PRESSURE ALAR	10						10						
BC40057O	B-CELL MANIPULATOR C	20						20						
BCWC8025A	FUNCTION TEST COMPAC	158							158					
SM400415B	D-CELL CRANE PREV. M	1500							1500					
SM500000Q	WASTE PACKAGING/DISP	5							5					
SMF103	WASTE DISPOSAL	20							20					
SM901385	SMF SHIELDED DOOR PR	10							10					
SM500000R	WASTE PACKAGING/DISP	5							5					
SM400567I	MANIPULATOR REPAIR	60							60					
BC40057L	MANIPULATOR REPAIR	60							60					
SM500315G	STATIC PRESSURE ALAR	10							10					
BC40057I	B-CELL MANIPULATOR C	20							20					
SM500000S	WASTE PACKAGING/DISP	5								5				
SM40056F	MANIPULATOR CHANGE	20								20				
SM400415C	S-CELL PAR PREV. MA	800								800				
SM901685B	HEPA- (A-FRAME)	300									300			

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 11

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995
TECH	- TECHNICIAN ()													
SM500000T	WASTE PACKAGING/DISP	5								5				
SMF104	WASTE DISPOSAL	20								20				
SM400567J	MANIPULATOR REPAIR	60								60				
BC40057H	MANIPULATOR REPAIR	60								60				
SM500315H	STATIC PRESSURE ALAR	10								10				
BC400572	B-CELL MANIPULATOR C	20								20				
SM500000U	WASTE PACKAGING/DISP	5								5				
SM400566	MANIPULATOR CHANGE	20									20			
SM500000C	WASTE PACKAGING/DISP	200									200			
SM500000V	WASTE PACKAGING/DISP	5									5			
SM400415H	S-CELL CRANE PREV.	800									800			
BC40057H	MANIPULATOR REPAIR	60									60			
SM500315I	STATIC PRESSURE ALAR	10									10			
BCNA603D	NEUTRON ANALYZER INS	75									75			
SM400567K	MANIPULATOR REPAIR	60									60			
BC400573	B-CELL MANIPULATOR C	20									20			
BC700110F	AIRLOCK CLEANOUT	189									189			
SM500000W	WASTE PACKAGING/DISP	5									5			
SMF105	WASTE DISPOSAL	20									20			
BC28070A	REMOVE JUMPERS	90										90		
SM500000X	WASTE PACKAGING/DISP	5										5		
BC28070B	REMOVE JUMPERS	90										90		
SM400415D	E-CELL PAR PREV. MA	60										60		
BC400570	MANIPULATOR REPAIR	60										60		
SM500315J	STATIC PRESSURE ALAR	10										10		
SMF106	WASTE DISPOSAL	20										20		
SM40056H	MANIPULATOR CHANGE	20										20		
SM500000Y	WASTE PACKAGING/DISP	5										5		
BC400574	B-CELL MANIPULATOR C	20										20		
BC700110H	AIRLOCK CLEANOUT	175										175		
SM400567L	MANIPULATOR REPAIR	60											60	
BC28191	RM11POG FILTER CHANG	10											10	
SM500000Z	WASTE PACKAGING/DISP	5											5	
BCRCR0160A	INSTALL RATED CONTAI	90											90	
BCRCR0160B	INSTALL RATED CONTAI	90											90	
SM400415E	E-CELL CRANE PREV.	60											60	
BC40057P	MANIPULATOR REPAIR	60											60	
SM500315K	STATIC PRESSURE ALAR	5											5	
SM40056I	MANIPULATOR CHANGE	20											20	
SM500000A	WASTE PACKAGING/DISP	5											5	
BC400575	B-CELL MANIPULATOR C	20											20	
SMF107	WASTE DISPOSAL	20												20
SM500000B	WASTE PACKAGING/DISP	5												5
SM400567M	MANIPULATOR REPAIR	60												60
SM500000D	WASTE PACKAGING/DISP	200												200

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 12

UNDRESSR - UNDRESSER ()

BC500086A	CRANE MAINTENANCE	150	150
BC40047A	LLW CAMPAIGN #5 - 8t	70	70
BC500086B	CRANE MAINTENANCE	150	150
BC500086C	CRANE MAINTENANCE	150	150
BC40047B	LLW CAMPAIGN #5 - 9T	70	70
BC40047C	LLW CAMPAIGN #5 - 10	70	70
BC40047D	LLW CAMPAIGN #5 - 11	70	70
BC40047E	LLW CAMPAIGN #5 - 12	70	70
BC40047F	AIRLOCK CLEANOUT	50	50
BC40047H	LLW CAMPAIGN #5 - 13	70	70
BC40047I	LLW WASTE CAMPAIGN #	70	70
SM500000	WASTE PACKAGING/DISP	100	100
BC40047J	LLW CAMPAIGN #5 - 15	70	70
SM400025	B-CELL SHIELDED DOOR	150	150
BC40047K	LLW CAMPAIGN #5 - 16	70	70
BC40047L	LLW CAMPAIGN #5 - 17	70	70
BC40047M	AIRLOCK CLEANOUT	50	50
BC40047N	LLW CAMPAIGN #5 - 18	70	70
BC11210A	UHP DECON SYS. INSTA	40	40
BC40047O	LLW CAMPAIGN #5 - 19	70	70
BC40047P	LLW CAMPAIGN #5 - 20	70	70
BC11210B	UHP DECON SYS. INSTA	40	40
BC40047Q	LLW CAMPAIGN #5 - 21	70	70
BC40255A	DECON AIRLOCK	50	50
BC40255B	DECON AIRLOCK	50	50
BC40048R	LLW CAMPAIGN #5 - 22	70	70
BC40255C	DECON AIRLOCK	50	50
BC40255D	DECON AIRLOCK	50	50
BCNA6030	NEUTRON ANALYZER INS	25	25
BC40255E	DECON AIRLOCK	50	50
BC40255F	DECON AIRLOCK	50	50
BC40255G	DECON AIRLOCK	50	50
BC40255H	DECON AIRLOCK	50	50
BC40047S	LLW CAMPAIGN #5 - 23	42	42

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 486
06:17

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 13

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
UNDRESSR - UNDRRESSR ()														
SM901375	C-CELL SHIELDED DOOR	150					150							
8C600220A	REMOVE PIPETRENCH CO	24					24							
8C600220B	REMOVE PIPETRENCH CO	24					24							
8C600220C	REMOVE PIPETRENCH CO	24					24							
8C600220D	REMOVE PIPETRENCH CO	24					24							
8C600220E	REMOVE PIPETRENCH CO	24					24							
8CNA6030B	NEUTRON ANALYZER INS	15					15							
8C402551	DECON AIRLOCK	50					50							
8C40255J	DECON AIRLOCK	50					50							
8C40047U	LLW CAMPAIGN #5 - 24	42					42							
8C40047X	AIRLOCK CLEANOUT	30					30							
SM500000B	WASTE PACKAGING/DISP	100						100						
SM901380	D-CELL SHIELDED DOOR	150					150							
8CWC8025A	FUNCTION TEST COMPAC	23							23					
SM400415B	D-CELL CRANE PREV. M	450						450						
SM400415C	S-CELL PAR PREV. MA	60								60				
SM500000C	WASTE PACKAGING/DISP	100									100			
8C700110A	LLW CAMPAIGN #6 - 1S	32									32			
SM400415H	S-CELL CRANE PREV.	60									60			
8C700110B	LLW CAMPAIGN #6 - 2N	32									32			
8C700110C	LLW CAMPAIGN #6 3RD	32									32			
8CNA603D	NEUTRON ANALYZER INS	25									25			
8C700110F	AIRLOCK CLEANOUT	27									27			
8C700110D	LLW CAMPAIGN #6 - 4T	32										32		
8C28070A	REMOVE JUMPERS	36										36		
8C700110E	LLW CAMPAIGN #6 - 5T	32										32		
8C28070B	REMOVE JUMPERS	36										36		
8C700110G	LLW CAMPAIGN #6 - 6T	35										35		
8C700110H	AIRLOCK CLEANOUT	25										25		
8C700110J	LLW CAMPAIGN #6 - 7T	35											35	
8C700110L	LLW CAMPAIGN #6 - 8T	35											35	
8CRCR0160A	INSTALL RATED CONTAI	22											22	
8CRCR0160B	INSTALL RATED CONTAI	23											23	
8C700110I	LLW CAMPAIGN #6 - 9T	35											35	
8C700110K	LLW CAMPAIGN #6 - 10	35											35	
SM500000D	WASTE PACKAGING/DISP	100												100
TOTAL	UNDRESSR	4426	150	650	700	897	457	250	473	60	308	196	185	100
REPORT TOTAL														
		48193	1218	5483	5938	8638	5952	2748	4716	4042	4508	1751	2097	1102

1995

Detailed Dose Estimates by Activity - KEH

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 492
06:32

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
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BC132A95A - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40	40											
RPT	RADIATION PROTECTION	4	4											
TECH	TECHNICIAN	20	20											

TOTAL	BC132A95A	64	64											
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BC132A95B - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40		40										
RPT	RADIATION PROTECTION	4		4										
TECH	TECHNICIAN	20		20										

TOTAL	BC132A95B	64		64										
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BC132A95C - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40			40									
RPT	RADIATION PROTECTION	4			4									
TECH	TECHNICIAN	20			20									

TOTAL	BC132A95C	64			64									
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BC132A95D - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40				40								
RPT	RADIATION PROTECTION	4				4								
TECH	TECHNICIAN	20				20								

TOTAL	BC132A95D	64				64								
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BC132A95E - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40					40							
RPT	RADIATION PROTECTION	4					4							
TECH	TECHNICIAN	20					20							

TOTAL	BC132A95E	64					64							
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BC132A95F - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40						40						
RPT	RADIATION PROTECTION	4						4						
TECH	TECHNICIAN	20						20						

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

TOTAL USAGE FOR MONTH

8C132A95F - CAMERA & EQUIP MAINT.

TOTAL	BC132A95F	64	64
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BC132A956 - CAMERA & EQUIP MAINT.

ELECTRCH	ELECTRICIAN	40	40
RPT	RADIATION PROTECTION	4	4
TECH	TECHNICIAN	20	20

TOTAL	BC132A95G	64	64
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BC132A95H - CAMERA & EQUIP MAINT.

ELECTRON	ELECTRICIAN	40	40
RPT	RADIATION PROTECTION	4	4
TECH	TECHNICIAN	20	20

TOTAL	8C132A95H	64	64
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BC132A95I - CAMERA & EQUIP MAINT.

ELECTRON	ELECTRICIAN	40	40
RPT	RADIATION PROTECTION	4	4
TECH	TECHNICIAN	20	20

TOTAL	BC132A95I	64	64
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BC132A95J - CAMERA & EQUIP MAINT.

ELCTCRN	ELECTRICIAN	40	40
RPT	RADIATION PROTECTION	4	4
TECH	TECHNICIAN	20	20

TOTAL	BC132A95J	64	64
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BC132A95K - CAMERA & EQUIP MAINT.

ELECTRON	ELECTRICIAN	40	40
RPT	RADIATION PROTECTION	4	4
TECH	TECHNICIAN	20	20

TOTAL	BC132A95K	. 64	64
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BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 492
06:32

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 4

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
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BC14120F - 3 -1/2 TON CRANE INSTALLATION

TOTAL	BC14120F	273				273								
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BC14120H - 3 - 1/2 TON CRANE INSTALLATION

ASSIST	ASSIST PERSON	105				105								
ELCTRCN	ELECTRICIAN	144				144								
UNDRESSR	UNDRESSER	24				24								

TOTAL	BC14120H	273				273								
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BC14120I - 3- 1/2 TON CRANE INSTALLATION

ASSIST	ASSIST PERSON	105				105								
ELCTRCN	ELECTRICIAN	144				144								
UNDRESSR	UNDRESSER	24				24								

TOTAL	BC14120I	273				273								
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BC14120J - 3-1/2 TON CRANE INSTALLATION

ASSIST	ASSIST PERSON	105				105								
RPT	RADIATION PROTECTION	60				60								
UNDRESSR	UNDRESSER	24				24								

TOTAL	BC14120J	189				189								
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BC14120G - 3 -1/2 TON CRANE INSTALLATION

ASSIST	ASSIST PERSON	105				105								
ELCTRCN	ELECTRICIAN	144				144								
UNDRESSR	UNDRESSER	24				24								

TOTAL	BC14120G	273				273								
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BC28131 - POG MODS

FITTER	FITTER	960						960						
MILLWRIGHT	MILLWRIGHT	400						400						
RPT	RADIATION PROTECTION	20						20						
TECH	TECHNICIAN	200						200						

TOTAL	BC28131	1580						1580						
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324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

TOTAL USAGE FOR MONTH

ASSIST	ASSIST PERSON	175	175
ELECTRCN	ELECTRICIAN	240	240
IRONWRK	IRONWORKER	240	240
RPT	RADIATION PROTECTION	100	100
UNDRESSR	UNDRESSER	40	40

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 492
06:32

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

DATA DATE 29JAN95 PAGE NO. 6

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
BC80130D	- INSTALL CELL CLEANING EQUIP													

TOTAL	BC80130D	795	795											
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BC80130E - INSTALL CELL CLEANING EQUIP

ASSIST	ASSIST PERSON	175	175											
ELECTRCH	ELECTRICIAN	240	240											
IRONWKR	IRONWORKER	240	240											
RPT	RADIATION PROTECTION	100	100											
UNDRESSR	UNDRESSER	40	40											

TOTAL	BC80130E	795	795											
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BCWC8020A - INSTALL COMPACTOR

ASSIST	ASSIST PERSON	105					105							
ELECTRCH	ELECTRICIAN	144					144							
IRONWKR	IRONWORKER	144					144							
RPT	RADIATION PROTECTION	60					60							
UNDRESSR	UNDRESSER	24					24							

TOTAL	BCWC8020A	477					477							
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BCWC8020B - INSTALL COMPACTOR

ASSIST	ASSIST PERSON	105					105							
ELECTRCH	ELECTRICIAN	144					144							
IRONWKR	IRONWORKER	144					144							
RPT	RADIATION PROTECTION	60					60							
UNDRESSR	UNDRESSER	24					24							

TOTAL	BCWC8020B	477					477							
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CC500 - C-CELL DECON

ASSIST	ASSIST PERSON	125					125							
TECH	TECHNICIAN	600					600							
UNDRESSR	UNDRESSER	250					250							

TOTAL	CC500	975					975							
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CC502 - C-CELL DECON

ASSIST	ASSIST PERSON	125					125							
TECH	TECHNICIAN	600					600							

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 492
06:32

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 7

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
CC502	- C-CELL DECON													
UNDRESSR	UNDRESSER	250						250						
TOTAL	CC502	975						975						
CC503	- C-CELL DECON													
ASSIST	ASSIST PERSON	125						125						
TECH	TECHNICIAN	600						600						
UNDRESSR	UNDRESSER	250						250						
TOTAL	CC503	975						975						
CC510	- CRANE REMOVAL													
IRONWRK	IRONWORKER	2400						2400						
LABORERS	LABORERS	200						200						
RPT	RADIATION PROTECTION	300						300						
UNDRESSR	UNDRESSER	400						400						
TOTAL	CC510	3300						3300						
CC520	- CRANE INSTALLATION													
ELCTRCH	ELECTRICIAN	100						100						
IRONWRK	IRONWORKER	2400						2400						
LABORERS	LABORERS	50						50						
RPT	RADIATION PROTECTION	5						5						
UNDRESSR	UNDRESSER	600						600						
TOTAL	CC520	3155						3155						
CC522	- CRANE INSTALLATION													
ELCTRCH	ELECTRICIAN	1200						1200						
LABORERS	LABORERS	300						300						
RPT	RADIATION PROTECTION	200						200						
UNDRESSR	UNDRESSER	600						600						
TOTAL	CC522	2300						2300						
CC530	- DECON AND WASTE HAUL													
ASSIST	ASSIST PERSON	125						125						
LABORERS	LABORERS	750						750						
UNDRESSR	UNDRESSER	250						250						

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 8

TOTAL USAGE FOR MONTH

[illegible]

BATTELLE PACIFIC NW LABORATORIES PRIMAVERA PROJECT PLANNER 324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 492 RESOURCE LOADING REPORT START DATE 01OCT94 FIN DATE 30DEC00*
06:32

RESOURCE LOADING DETAIL - KEH TOTAL USAGE FOR MONTH DATA DATE 29JAN95 PAGE NO. 10

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
SMF325	- HEPA CHANGES													
TOTAL	SMF325	560								560				
SMF330	- HEPA CHANGES													
MILLWRIGHT	MILLWRIGHT	400									400			
RPT	RADIATION PROTECTION	100									100			
TECH	TECHNICIAN	60									60			
TOTAL	SMF330	560									560			
REPORT TOTAL		30531	2513	1654	64	4163	1632	16156	1165	2304	624	64	64	128

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE KEH REVISION

REPORT DATE 05JUN95 RUN NO. 465
10:31

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
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BC132A95A - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40	40											
RPT	RADIATION PROTECTION	4	4											
TECH	TECHNICIAN	20	20											

TOTAL	BC132A95A	64	64											
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BC132A95B - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40		40										
RPT	RADIATION PROTECTION	4		4										
TECH	TECHNICIAN	20		20										

TOTAL	BC132A95B	64		64										
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BC132A95C - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40			40									
RPT	RADIATION PROTECTION	4			4									
TECH	TECHNICIAN	20			20									

TOTAL	BC132A95C	64			64									
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BC132A95D - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40				40								
RPT	RADIATION PROTECTION	4				4								
TECH	TECHNICIAN	20				20								

TOTAL	BC132A95D	64				64								
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BC132A95E - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40					40							
RPT	RADIATION PROTECTION	4					4							
TECH	TECHNICIAN	20					20							

TOTAL	BC132A95E	64					64							
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BC132A95F - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40						40						
RPT	RADIATION PROTECTION	4						4						
TECH	TECHNICIAN	20						20						

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE KEH REVISION

REPORT DATE 05JUN95 RUN NO. 465
10:31

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
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BC132A95F - CAMERA & EQUIP MAINT.

TOTAL	BC132A95F	64						64						
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BC132A95G - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40							40					
RPT	RADIATION PROTECTION	4							4					
TECH	TECHNICIAN	20							20					
TOTAL	BC132A95G	64							64					

BC132A95H - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40							40					
RPT	RADIATION PROTECTION	4							4					
TECH	TECHNICIAN	20							20					
TOTAL	BC132A95H	64							64					

BC132A95I - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40								40				
RPT	RADIATION PROTECTION	4								4				
TECH	TECHNICIAN	20								20				
TOTAL	BC132A95I	64								64				

BC132A95J - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40									40			
RPT	RADIATION PROTECTION	4									4			
TECH	TECHNICIAN	20									20			
TOTAL	BC132A95J	64									64			

BC132A95K - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40										40		
RPT	RADIATION PROTECTION	4										4		
TECH	TECHNICIAN	20										20		
TOTAL	BC132A95K	64										64		

BATTTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE KEH REVISION

REPORT DATE 05JUN95 RUN NO. 465
10:31

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 4

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
BC14120F	- 3 -1/2 TON CRANE INSTALLATION													
TOTAL	BC14120F	273				273								
BC14120H	- 3 - 1/2 TON CRANE INSTALLATION													
ASSIST	ASSIST PERSON	105					105							
ELCTRCN	ELECTRICIAN	144					144							
UNDRESSR	UNDRESSER	24					24							
TOTAL	BC14120H	273					273							
BC14120I	- 3- 1/2 TON CRANE INSTALLATION													
ASSIST	ASSIST PERSON	105					105							
ELCTRCN	ELECTRICIAN	144					144							
UNDRESSR	UNDRESSER	24					24							
TOTAL	BC14120I	273					273							
BC14120J	- 3-1/2 TON CRANE INSTALLATION													
ASSIST	ASSIST PERSON	105					105							
RPT	RADIATION PROTECTION	60					60							
UNDRESSR	UNDRESSER	24					24							
TOTAL	BC14120J	189					189							
BC14120G	- 3 -1/2 TON CRANE INSTALLATION													
ASSIST	ASSIST PERSON	105					105							
ELCTRCN	ELECTRICIAN	144					144							
UNDRESSR	UNDRESSER	24					24							
TOTAL	BC14120G	273					273							
BC28131	- POG MOOS													
FITTER	FITTER	960							960					
MILLWRIGHT	MILLWRIGHT	400							400					
RPT	RADIATION PROTECTION	20							20					
TECH	TECHNICIAN	200							200					
TOTAL	BC28131	1580							1580					

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE KEH REVISION

REPORT DATE 05JUN95 RUN NO. 465
10:31

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 5

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
BC28190 - RH11POG FILTER CHANGEOUT														
MILLWRIGHT	MILLWRIGHT	80								80				
RPT	RADIATION PROTECTION	10								10				
TECH	TECHNICIAN	10								10				
TOTAL	BC28190	100								100				
CC500 - C-CELL DECON														
ASSIST	ASSIST PERSON	125						125						
TECH	TECHNICIAN	600						600						
UNDRESSR	UNDRESSER	250						250						
TOTAL	CC500	975						975						
CC502 - C-CELL DECON														
ASSIST	ASSIST PERSON	125						125						
TECH	TECHNICIAN	600						600						
UNDRESSR	UNDRESSER	250						250						
TOTAL	CC502	975						975						
CC503 - C-CELL DECON														
ASSIST	ASSIST PERSON	125						125						
TECH	TECHNICIAN	600						600						
UNDRESSR	UNDRESSER	250						250						
TOTAL	CC503	975						975						
CC510 - CRANE REMOVAL														
IRONWKR	IRONWORKER	2400						2400						
LABORERS	LABORERS	200						200						
RPT	RADIATION PROTECTION	300						300						
UNDRESSR	UNDRESSER	400						400						
TOTAL	CC510	3300						3300						
CC520 - CRANE INSTALLATION														
ELECTRCH	ELECTRICIAN	100						100						
IRONWKR	IRONWORKER	2400						2400						
LABORERS	LABORERS	50						50						
RPT	RADIATION PROTECTION	5						5						

324 BLDG. DOSE KEH REVISION

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 6

TOTAL USAGE FOR MONTH

[illegible]

324 BLDG. DOSE KEH REVISION

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 7

TOTAL USAGE FOR MONTH

MILLWRIGHT	MILLWRIGHT	400	400
RPT	RADIATION PROTECTION	100	100
TECH	TECHNICIAN	60	60

BATTTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE KEH REVISION

REPORT DATE 05JUN95 RUN NO. 465
10:31

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 8

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
SMF315	- HEPA CHANGES													
TOTAL	SMF315	560						560						
SMF320	- HEPA CHANGES													
MILLWRIGHT	MILLWRIGHT	400						400						
RPT	RADIATION PROTECTION	100						100						
TECH	TECHNICIAN	60						60						
TOTAL	SMF320	560						560						
SMF325	- HEPA CHANGES													
MILLWRIGHT	MILLWRIGHT	400						400						
RPT	RADIATION PROTECTION	100						100						
TECH	TECHNICIAN	60						60						
TOTAL	SMF325	560						560						
SMF330	- HEPA CHANGES													
MILLWRIGHT	MILLWRIGHT	400						400						
RPT	RADIATION PROTECTION	100						100						
TECH	TECHNICIAN	60						60						
TOTAL	SMF330	560						560						
REPORT TOTAL		25602	128	64	64	4163	1632	15679	688	2304	624	64	64	128

1995

Detailed Dose Estimates by Resource - KEH

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 508
08:33

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
ASSIST - ASSIST PERSON (MR)														
BC80130A	INSTALL CELL CLEANIN	175	175											
BC80130B	INSTALL CELL CLEANIN	175	175											
BC80130C	INSTALL CELL CLEANIN	175	175											
BC80130D	INSTALL CELL CLEANIN	175		175										
BC80130E	INSTALL CELL CLEANIN	175		175										
BC14120A	3.5 TON CRANE INSTAL	105				105								
BC14120B	3-1/2 TON CRANE INST	105				105								
BC14120D	3 -1/2 TON CRANE INS	105				105								
BC14120E	3 -1/2 TON CRANE INS	105				105								
BC14120F	3 -1/2 TON CRANE INS	105				105								
BC14120H	3 - 1/2 TON CRANE IN	105					105							
BC14120G	3 -1/2 TON CRANE INS	105					105							
BC14120I	3- 1/2 TON CRANE INS	105					105							
BC14120J	3-1/2 TON CRANE INST	105					105							
CC500	C-CELL DECON	125						125						
CC502	C-CELL DECON	125						125						
CC503	C-CELL DECON	125						125						
CC530	DECON AND WASTE HAUL	125						125						
CC532	DECON AND WASTE HAUL	125						125						
CC534	DECON AND WASTE HAUL	125						125						
BCWC8020A	INSTALL COMPACTOR	105						105						
BCWC8020B	INSTALL COMPACTOR	105							105					
TOTAL	ASSIST	2780	525	350		525	420	855	105					

LCTRCH - ELECTRICIAN ()

BC80130A	INSTALL CELL CLEANIN	240	240											
BC132A95A	CAMERA & EQUIP MAINT	40	40											
BC80130B	INSTALL CELL CLEANIN	240	240											
SM400566R	CAMERA & EQUIP MAINT	40	40											
BC80130C	INSTALL CELL CLEANIN	240	240											
BC80130D	INSTALL CELL CLEANIN	240		240										
BC80130E	INSTALL CELL CLEANIN	240		240										
BC132A95B	CAMERA & EQUIP MAINT	40		40										
BC132A95C	CAMERA & EQUIP MAINT	40			40									
BC132A95D	CAMERA & EQUIP MAINT	40				40								
BC14120H	3 - 1/2 TON CRANE IN	144					144							
BC14120G	3 -1/2 TON CRANE INS	144					144							
BC14120I	3- 1/2 TON CRANE INS	144					144							
BC132A95E	CAMERA & EQUIP MAINT	40					40							
CC520	CRAHE INSTALLATION	100						100						
CC522	CRAHE INSTALLATION	1200						1200						
BC132A95F	CAMERA & EQUIP MAINT	40						40						
BCWC8020A	INSTALL COMPACTOR	144						144						

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 508
08:33

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

DATA DATE 29JAN95 PAGE NO. 2

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
ELCTRCN - ELECTRICIAN ()														
BCWC8020B	INSTALL COMPACTOR	144							144					
SM400566S	CAMERA & EQUIP MAINT	40						40						
BC132A95G	CAMERA & EQUIP MAINT	40						40						
BC132A95H	CAMERA & EQUIP MAINT	40							40					
BC132A95I	CAMERA & EQUIP MAINT	40								40				
BC132A95J	CAMERA & EQUIP MAINT	40									40			
BC132A95K	CAMERA & EQUIP MAINT	40										40		
BC132A95L	CAMERA & EQUIP MAINT	40											40	
SM400566T	CAMERA & EQUIP MAINT	40												40
TOTAL	ELCTRCN	3820	800	520	40	40	472	1484	224	40	40	40	40	80

FITTER - ()

BC28131	POG MODS	960								960				
TOTAL	FITTER	960								960				

IRONWKR - IRONWORKER ()

BC80130A	INSTALL CELL CLEANIN	240	240											
BC80130B	INSTALL CELL CLEANIN	240	240											
BC80130C	INSTALL CELL CLEANIN	240	240											
BC80130D	INSTALL CELL CLEANIN	240		240										
BC80130E	INSTALL CELL CLEANIN	240		240										
BC14120A	3.5 TON CRANE INSTAL	144				144								
BC14120B	3-1/2 TON CRANE INST	144				144								
BC14120D	3 -1/2 TON CRANE INS	144				144								
BC14120E	3 -1/2 TON CRANE INS	144				144								
BC14120F	3 -1/2 TON CRANE INS	144				144								
CC510	CRANE REMOVAL	2400						2400						
CC520	CRANE INSTALLATION	2400						2400						
BCWC8020A	INSTALL COMPACTOR	144						144						
BCWC8020B	INSTALL COMPACTOR	144							144					
TOTAL	IRONWKR	7008	720	480		720		4944	144					

LABORERS - ()

SHF300	ENTRY TO SOUTH CELL	1800				1800								
CC510	CRANE REMOVAL	200						200						
CC520	CRANE INSTALLATION	50						50						
CC522	CRANE INSTALLATION	300						300						
CC530	DECON AND WASTE HAUL	750						750						
CC532	DECON AND WASTE HAUL	750						750						

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 508
08:33

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
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LABORERS - ()

CC534	DECON AND WASTE HAUL	750						750						
TOTAL	LABORERS	4600				1800		2800						

MLLMRIGHT - MILLRIGHT ()

SHF305	HEPA CHANGES	400				400								
SHF310	HEPA CHANGES	400					400							
SHF315	HEPA CHANGES	400						400						
SHF320	HEPA CHANGES	400							400					
SHF325	HEPA CHANGES	400								400				
BC28131	POG MOOS	400								400				
BC28190	RH11POG FILTER CHANG	80								80				
SHF330	HEPA CHANGES	400									400			
TOTAL	MLLMRIGHT	2880				400	400	400	400	880	400			

RPT - RADIATION PROTECTION TECHNICIAN ()

BC80130A	INSTALL CELL CLEANIN	100	100											
BC132A95A	CAMERA & EQUIP MAINT	4	4											
BC80130B	INSTALL CELL CLEANIN	100	100											
SH400566R	CAMERA & EQUIP MAINT	4	4											
BC80130C	INSTALL CELL CLEANIN	100	100											
BC80130D	INSTALL CELL CLEANIN	100		100										
BC130E	INSTALL CELL CLEANIN	100		100										
BC132A95B	CAMERA & EQUIP MAINT	4		4										
BC132A95C	CAMERA & EQUIP MAINT	4			4									
SHF300	ENTRY TO SOUTH CELL	200				200								
SHF305	HEPA CHANGES	100				100								
BC132A95D	CAMERA & EQUIP MAINT	4				4								
BC14120J	3-1/2 TON CRANE INST	60					60							
SHF310	HEPA CHANGES	100					100							
BC132A95E	CAMERA & EQUIP MAINT	4					4							
SHF315	HEPA CHANGES	100						100						
CC510	CRANE REMOVAL	300						300						
CC520	CRANE INSTALLATION	5						5						
CC522	CRANE INSTALLATION	200						200						
BC132A95F	CAMERA & EQUIP MAINT	4						4						
BCWC8020A	INSTALL COMPACTOR	60						60						
BCWC8020B	INSTALL COMPACTOR	60							60					
SHF320	HEPA CHANGES	100							100					
SH400566S	CAMERA & EQUIP MAINT	4							4					
BC132A95G	CAMERA & EQUIP MAINT	4							4					
SHF325	HEPA CHANGES	100								100				

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANHE.

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NC 50E
08:33

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

DATA DATE 29JAN95 PAGE NO. 4

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
RPT	- RADIATION PROTECTION TECHNICIAN ()													
BC28131	POG MODS	20								20				
BC132A95H	CAMERA & EQUIP MAINT	4								4				
BC28190	RH11POG FILTER CHANG	10								10				
SMF330	HEPA CHANGES	100									100			
BC132A95I	CAMERA & EQUIP MAINT	4									4			
BC132A95J	CAMERA & EQUIP MAINT	4										4		
BC132A95K	CAMERA & EQUIP MAINT	4											4	
BC132A95L	CAMERA & EQUIP MAINT	4												4
SM400566T	CAMERA & EQUIP MAINT	4												4
TOTAL	RPT	2075	308	204	4	304	164	669	168	134	104	4	4	8

TECH - TECHNICIAN ()

BC132A95A	CAMERA & EQUIP MAINT	20	20											
SM400566R	CAMERA & EQUIP MAINT	20	20											
BC132A95B	CAMERA & EQUIP MAINT	20		20										
BC132A95C	CAMERA & EQUIP MAINT	20			20									
SMF305	HEPA CHANGES	60				60								
BC132A95D	CAMERA & EQUIP MAINT	20				20								
SMF310	HEPA CHANGES	60					60							
BC132A95E	CAMERA & EQUIP MAINT	20					20							
SMF315	HEPA CHANGES	60						60						
CC50C	C-CELL DECON	600							600					
CC	C-CELL DECON	600								600				
CF	C-CELL DECON	600									600			
5F	CAMERA & EQUIP MAINT	20							20					
SMF320	HEPA CHANGES	60								60				
SM400566S	CAMERA & EQUIP MAINT	20								20				
BC132A95G	CAMERA & EQUIP MAINT	20							20					
SMF325	HEPA CHANGES	60								60				
BC28131	POG MODS	200								200				
BC132A95H	CAMERA & EQUIP MAINT	20									20			
BC28190	RH11POG FILTER CHANG	10								10				
SMF330	HEPA CHANGES	60									60			
BC132A95I	CAMERA & EQUIP MAINT	20									20			
BC132A95J	CAMERA & EQUIP MAINT	20										20		
BC132A95K	CAMERA & EQUIP MAINT	20											20	
BC132A95L	CAMERA & EQUIP MAINT	20												20
SM400566T	CAMERA & EQUIP MAINT	20												20
TOTAL	TECH	2670	40	20	20	80	80	1880	100	290	80	20	20	40

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 508
08:33

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 5

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1995	FEB 1995	MAR 1995	APR 1995	MAY 1995	JUN 1995	JUL 1995	AUG 1995	SEP 1995	OCT 1995	NOV 1995	DEC 1995
UNDRESSR - UNRESSER ()														
BC80130A	INSTALL CELL CLEANIN	40	40											
BC80130B	INSTALL CELL CLEANIN	40	40											
BC80130C	INSTALL CELL CLEANIN	40	40											
BC80130D	INSTALL CELL CLEANIN	40		40										
BC80130E	INSTALL CELL CLEANIN	40		40										
SHF300	ENTRY TO SOUTH CELL	150				150								
BC14120A	3.5 TON CRANE INSTAL	48				48								
BC14120B	3-1/2 TON CRANE INST	24				24								
BC14120D	3 -1/2 TON CRANE INS	24				24								
BC14120E	3 -1/2 TON CRANE INS	24				24								
BC14120F	3 -1/2 TON CRANE INS	24				24								
BC14120H	3 - 1/2 TON CRANE IN	24					24							
BC14120G	3 -1/2 TON CRANE INS	24					24							
BC14120I	3- 1/2 TON CRANE INS	24					24							
BC14120J	3-1/2 TON CRANE INST	24					24							
CC500	C-CELL DECON	250						250						
CC502	C-CELL DECON	250						250						
CC503	C-CELL DECON	250						250						
CC510	CRANE REMOVAL	400						400						
CC520	CRANE INSTALLATION	600						600						
CC522	CRANE INSTALLATION	600						600						
CC530	DECON AND WASTE HAUL	250						250						
CC532	DECON AND WASTE HAUL	250						250						
CC534	DECON AND WASTE HAUL	250						250						
BCWC8020A	INSTALL COMPACTOR	24						24						
ICWC8020B	INSTALL COMPACTOR	24							24					

TOTAL	UNDRESSR	3738	120	80		294	96	3124	24					

REPORT TOTAL		30531	2513	1654	64	4163	1632	16156	1165	2304	624	64	64	128

Appendix D

1996 Summary Dose by Project/Area

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1996	FEB 1996	MAR 1996	APR 1996	MAY 1996	JUN 1996	JUL 1996	AUG 1996	SEP 1996	OCT 1996	NOV 1996	DEC 1996
B-CELL -														
BC700060K	AIRLOCK CLEANOUT	268										268		
BC132A96J	CAMERA & EQUIP MAINT	64										64		
BC150055A	REMOVE 6-TON CRANE	850										850		
BC150055B	REMOVE 6-TON CRANE	850										850		
BC150055C	REMOVE 6-TON CRANE	850										850		
BC40066A	REMOVE JUMPERS	230										230		
BC60026A	CRANE MAINTENANCE	270										270		
BC150055D	REMOVE 6-TON CRANE	850										850		
BC40066B	REMOVE JUMPERS	230										230		
BC60026B	CRANE MAINTENANCE	750										750		
BC150055E	REMOVE 6-TON CRANE	850										850		
BC40066C	REMOVE JUMPERS	230										230		
BC60026C	CRANE MAINTENANCE	1050										1050		
BC700060G	LLW CAMPAIGN # 5TH S	215										215		
BC150055F	REMOVE 6-TON CRANE	850										850		
BC40066D	REMOVE JUMPERS	230										230		
BC60091D	AIRLOCK CLEANOUT	305										305		
BC150055G	REMOVE 6-TON CRANE	850										850		
BC40066E	REMOVE JUMPERS	230										230		
BC150055H	REMOVE 6-TON CRANE	850										850		
BC40066F	REMOVE JUMPERS	230										230		
EC150055I	REMOVE 6-TON CRANE	850										850		
EC40066G	REMOVE JUMPERS	230										230		
EC150055J	REMOVE 6-TON CRANE	850										850		
EC40066H	REMOVE JUMPERS	230										230		
BC40066I	REMOVE JUMPERS	230										230		
BC40066J	REMOVE JUMPERS	230										230		
BC150060A	INSTALL 10-TON CRANE	795										795		
BC40067	MANIPULATOR REPAIR	164										164		
BC150060B	INSTALL 10-TON CRANE	795										795		
BC700060H	LLW CAMPAIGN #7 6TH	215										215		
BC150060C	INSTALL 10-TON CRANE	795										795		
BC150060D	INSTALL 10-TON CRANE	795										795		
BC150060E	INSTALL 10-TON CRANE	795										795		
BC150060F	INSTALL 10-TON CRANE	795										795		
BC150060G	INSTALL 10-TON CRANE	795										795		
BC150060H	INSTALL 10-TON CRANE	795										795		
BC400586	B-CELL MANIPULATOR C	34										34		
BC150060I	INSTALL 10-TON CRANE	795										795		
BC150060J	INSTALL 10-TON CRANE	795										795		
BC700060E	LLW CAMPAIGN #7 7TH	215											215	
BC132A96K	CAMERA & EQUIP MAINT	64											64	
BC28196	RM11POG FILTER CHANG	110											110	
BC700060F	LLW CAMPAIGN #7 8TH	215											215	
BC40068	MANIPULATOR REPAIR	164											164	

REPORT DATE 12JUL95 RUN NO. 537
11:11

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

DETAIL BY PROJECT/AREA

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1996	FEB 1996	MAR 1996	APR 1996	MAY 1996	JUN 1996	JUL 1996	AUG 1996	SEP 1996	OCT 1996	NOV 1996	DEC 1996
B-CELL -														
BC700060I	LLW CAMPAIGN #7 9TH	215											215	
BC400587	B-CELL MANIPULATOR C	34											34	
BC700060L	AIRLOCK CLEANOUT	268												268
BC132A96L	CAHRA & EQUIP MAINT	64												64
BC700060J	LLW CAMPAIGN #7 10TH	215												215
BC400588	B-CELL MANIPULATOR C	34												34
BC40069	MANIPULATOR REPAIR	164												164
TOTAL	B-CELL	31389	2357	820	278	262	372	262	262	1267	1662	22085	1017	745

C-CELL -

SM9013756	C-CELL SHIELDED DOOR	1815	1815	
SM400415H	C-CELL CRANE PREV. M	2370		2370
<hr/>				
TOTAL	C-CELL	4185	1815	2370

D-CELL -

SM9013806	D-CELL SHIELDED DOOR	1815	1815	
SM40041586	D-CELL CRANE PREV. M	3975	3975	

TOTAL	D-CELL	5790	1815	3975

E-CELL -

SM400415D6 E-CELL PAR PREV. MA	185		185
SM400415E6 E-CELL CRANE PREV.	185		185

TOTAL E-CELL	370		185 185

SLM -

SM4005656	MANIPULATOR CHANGE	34	34
SM4005666	CAMERA & EQUIP MAINT	64	64
SM4005676	MANIPULATOR REPAIR	164	164
SM5000006	WASTE PACKAGING/DISP	10	10
SM5003156	STATIC PRESSURE ALAR	30	30
SM4000206	PH ON BLDG HOT CELL	35	35
SM5000006	WASTE PACKAGING/DISP	10	10
SM9016856	HEPA (A-FRAME)	1020	1020
SM4005656	MANIPULATOR CHANGE	34	34
SM4005676	MANIPULATOR REPAIR	164	164
SM5000006	WASTE PACKAGING/DISP	10	10
SM5003156	STATIC PRESSURE ALAR	30	30

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 4

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BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 537
11:11

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 5

DETAIL BY PROJECT/AREA

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1996	FEB 1996	MAR 1996	APR 1996	MAY 1996	JUN 1996	JUL 1996	AUG 1996	SEP 1996	OCT 1996	NOV 1996	DEC 1996
SLM														
SH500315K6	STATIC PRESSURE ALAR	30											30	
SH4005616	MANIPULATOR CHANGE	34											34	
SH500001A6	WASTE PACKAGING/DISP	10											10	
SH500001B6	WASTE PACKAGING/DISP	10												10
SH400567H6	MANIPULATOR REPAIR	164												164
SH500000D6	WASTE PACKAGING/DISP	425												425
SH400566T6	CAMERA & EQUIP MAINT	64												64
SH500315L6	STATIC PRESSURE ALAR	30												30
SH500001C6	WASTE PACKAGING/DISP	10												10
SH40056J6	MANIPULATOR CHANGE	34												34
TOTAL	SLM	8362	302	1303	2488	50	248	673	278	1278	673	84	248	737

SC

SH400415C6	S-CELL PAR PREV. MA	2520								2520				
SH400415H6	S-CELL CRANE PREV.	2520									2520			
TOTAL	SC	5040								2520	2520			

SMF

SMF10E	WASTE DISPOSAL	30	30											
SMF10F	WASTE DISPOSAL	30		30										
SMF110	WASTE DISPOSAL	30			30									
SMF111	WASTE DISPOSAL	30				30								
SMF112	WASTE DISPOSAL	30					30							
SMF113	WASTE DISPOSAL	30						30						
SM9013856	SMF SHIELDED DOOR PR	25							25					
SMF114	WASTE DISPOSAL	30							30					
SMF115	WASTE DISPOSAL	30								30				
SMF116	WASTE DISPOSAL	30									30			
SMF117	WASTE DISPOSAL	30										30		
SMF118	WASTE DISPOSAL	30											30	
SM400415F6	SMF AL CRANE PREV.	185												185
SMF119	WASTE DISPOSAL	30												30
TOTAL	SMF	570	30	30	30	30	30	30	55	30	30	30	30	215

REPORT TOTAL		55706	2689	2153	2796	342	2465	2780	4570	5095	4885	22384	1480	4067
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1996

**Detail by Resource
and Contractor**

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 532
10:49

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1996	FEB 1996	MAR 1996	APR 1996	MAY 1996	JUN 1996	JUL 1996	AUG 1996	SEP 1996	OCT 1996	NOV 1996	DEC 1996
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ASSIST - ASSIST PERSON (MR)

KEH -

BC150055I	REMOVE 6-TON CRANE	100										100		
BC150055J	REMOVE 6-TON CRANE	100										100		
BC150060A	INSTALL 10-TON CRANE	175										175		
BC150060B	INSTALL 10-TON CRANE	175										175		
BC150060C	INSTALL 10-TON CRANE	175										175		
BC150060D	INSTALL 10-TON CRANE	175										175		
BC150060E	INSTALL 10-TON CRANE	175										175		
BC150060F	INSTALL 10-TON CRANE	175										175		
BC150060G	INSTALL 10-TON CRANE	175										175		
BC150060H	INSTALL 10-TON CRANE	175										175		
BC150060I	INSTALL 10-TON CRANE	175										175		
BC150060J	INSTALL 10-TON CRANE	175										175		

SUBTOTAL KEH		3316	125							175		3016		
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PHL

BC50046F	AIRLOCK CLEANOUT	15	15											
SM9016856	HEPA (A-FRAME)	20		20										
BCMFC705A	INSTALL EQUIP IN AIR	36		36										
BCMFC705B	INSTALL EQUIP IN AIR	36		36										
SM5000006	WASTE PACKAGING/DISP	50			50									
SM4000256	B-CELL SHIELDED DOOR	40			40									
SM9013756	C-CELL SHIELDED DOOR	40					40							
SM50000086	WASTE PACKAGING/DISP	50						50						
SM9013806	D-CELL SHIELDED DOOR	40						40						
SM40041586	D-CELL CRANE PREV. M	225							225					
SM400415C6	S-CELL PAR PREV. MA	10								10				
SM901685B6	HEPA (A-FRAME)	20								20				
BC70060	LLW CAMPAIGN #7 1ST	30									30			
BC70060B	LLW CAMPAIGN #7 2ND	30									30			
SM500000C6	WASTE PACKAGING/DISP	50									50			
SM400415H6	S-CELL CRANE PREV.	10									10			
BC700060C	LLW CAMPAIGN #7 3RD	30									30			
BC150050A	DECONTAMINATION 6-TO	100									100			
BC700060D	LLW CAMPAIGN #7 4TH	30									30			
BC150050B	DECONTAMINATE 6-TON	100									100			
BC700060K	AIRLOCK CLEANOUT	30										30		
BC40066A	REMOVE JUMPERS	30										30		
BC40066B	REMOVE JUMPERS	30										30		
BC40066C	REMOVE JUMPERS	30										30		
BC700060G	LLW CAMPAIGN # 5TH S	30										30		
BC40066D	REMOVE JUMPERS	30										30		

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 . FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

TOTAL USAGE FOR MONTH

ELECTRIC - ELECTRICIAN ()

KEH -

[illegible]

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 532
10:49

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 4

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1996	FEB 1996	MAR 1996	APR 1996	MAY 1996	JUN 1996	JUL 1996	AUG 1996	SEP 1996	OCT 1996	NOV 1996	DEC 1996
ELCTRCN - ELECTRICIAN ()														
KEN -														
BC150060G	INSTALL 10-TON CRANE	240										240		
BC150060H	INSTALL 10-TON CRANE	240										240		
BC150060I	INSTALL 10-TON CRANE	240										240		
BC150060J	INSTALL 10-TON CRANE	240										240		
BC132A96K	CAMERA & EQUIP MAINT	40											40	
BC132A96L	CAMERA & EQUIP MAINT	40												40
SM400566T6	CAMERA & EQUIP MAINT	40												40
SUBTOTAL KEH		3240	80	40	40	40	40	40	80	280	40	2440	40	80

PNL

SM4000256	B-CELL SHIELDED DOOR	400			400									
SM9013756	C-CELL SHIELDED DOOR	400				400								
SM9013806	D-CELL SHIELDED DOOR	400					400							
SM400415B6	D-CELL CRANE PREV. M	400						400						
SM9013856	SMF SHIELDED DOOR PR	5						5						
SM400415C6	S-CELL PAR PREV. MA	400							400					
SM400415N6	S-CELL CRANE PREV.	400								400				
SM400415D6	E-CELL PAR PREV. MA	40									40			
SM400415E6	E-CELL CRANE PREV.	40										40		
SM400415F6	SMF AL CRANE PREV.	40											40	
SM400415M	C-CELL CRANE PREV. M	200											200	
SUBTOTAL PNL		2725			400		400	400	405	400	400	40	40	240

TOTAL	ELCTRCN	5965	80	40	440	40	440	440	485	680	440	2480	80	320
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ENTRY PE - ENTRY PERSON ()

PNL

BC700060	LLW CAMPAIGN #7 1ST	100									100			
BC700060B	LLW CAMPAIGN #7 2ND	100									100			
BC700060C	LLW CAMPAIGN #7 3RD	100									100			
BC700060D	LLW CAMPAIGN #7 4TH	100									100			
BC400066A	REMOVE JUMPERS	100										100		
BC400066B	REMOVE JUMPERS	100										100		
BC400066C	REMOVE JUMPERS	100										100		
BC700060G	LLW CAMPAIGN # 5TH S	100										100		
BC400066D	REMOVE JUMPERS	100										100		
BC400066E	REMOVE JUMPERS	100										100		

BATTTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 532
10:49

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 5

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1996	FEB 1996	MAR 1996	APR 1996	MAY 1996	JUN 1996	JUL 1996	AUG 1996	SEP 1996	OCT 1996	NOV 1996	DEC 1996
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ENTRY PE - ENTRY PERSON ()

PHL

BC40066F	REMOVE JUMPERS	100										100		
BC40066G	REMOVE JUMPERS	100										100		
BC40066H	REMOVE JUMPERS	100										100		
BC40066I	REMOVE JUMPERS	100										100		
BC40066J	REMOVE JUMPERS	100										100		
BC700060H	LLW CAMPAIGN #7 6TH	100										100		
BC700060E	LLW CAMPAIGN #7 7TH	100											100	
BC700060F	LLW CAMPAIGN #7 8TH	100											100	
BC700060I	LLW CAMPAIGN #7 9TH	100											100	
BC700060J	LLW CAMPAIGN #7 10TH	100												100

SUBTOTAL PHL

2000

400 1200 300 100

TOTAL ENTRY PE

2000

400 1200 300 100

IRNWK - IRNWORKER ()

KEH -

BC160310A	INSTALLATION OF WES	240							240					
BC150055A	REMOVE 6-TON CRANE	600										600		
BC150055B	REMOVE 6-TON CRANE	600										600		
BC150055C	REMOVE 6-TON CRANE	600										600		
BC150055D	REMOVE 6-TON CRANE	600										600		
BC150055E	REMOVE 6-TON CRANE	600										600		
BC150055F	REMOVE 6-TON CRANE	600										600		
BC150055G	REMOVE 6-TON CRANE	600										600		
BC150055H	REMOVE 6-TON CRANE	600										600		
BC150055I	REMOVE 6-TON CRANE	600										600		
BC150055J	REMOVE 6-TON CRANE	600										600		
BC150060A	INSTALL 10-TON CRANE	240										240		
BC150060B	INSTALL 10-TON CRANE	240										240		
BC150060C	INSTALL 10-TON CRANE	240										240		
BC150060D	INSTALL 10-TON CRANE	240										240		
BC150060E	INSTALL 10-TON CRANE	240										240		
BC150060F	INSTALL 10-TON CRANE	240										240		
BC150060G	INSTALL 10-TON CRANE	240										240		
BC150060H	INSTALL 10-TON CRANE	240										240		
BC150060I	INSTALL 10-TON CRANE	240										240		
BC150060J	INSTALL 10-TON CRANE	240										240		

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 532
10:49

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 6

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1996	FEB 1996	MAR 1996	APR 1996	MAY 1996	JUN 1996	JUL 1996	AUG 1996	SEP 1996	OCT 1996	NOV 1996	DEC 1996
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IRNMWKR - IRONWORKER ()

KEH -

SUBTOTAL KEH	8640									240		8400		
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TOTAL IRNMWKR	8640									240		8400		
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MLLWRIGHT - MILLWRIGHT ()

KEH -

BC50046A	CRANE MAINTENCE	200	200											
BC50046B	CRANE MAINTENANCE	200	200											
BC50046C	CRANE MAINTENANCE	200	200											
BC50046D	CRANE MAINTENANCE	200	200											
BC50046E	CRANE MAINTENANCE	200	200											
BC60026A	CRANE MAINTENANCE	180										180		
BC60026B	CRANE MAINTENANCE	500										500		
BC60026C	CRANE MAINTENANCE	500										500		

SUBTOTAL KEH	2180	1000										1180		
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PNL

BC400577	B-CELL MANIPULATOR C	10	10											
BC40058	MANIPULATOR REPAIR	100	100											
SM4005656	MANIPULATOR CHANGE	10	10											
SM400567D6	MANIPULATOR REPAIR	100	100											
BC28193	RM11POG FILTER CHANG	80		80										
SM9016856	HEPA (A-FRAME)	400		400										
BC400578	B-CELL MANIPULATOR C	10		10										
BC40059	MANIPULATOR REPAIR	100		100										
SM400565B6	MANIPULATOR CHANGE	10		10										
SM400567E6	MANIPULATOR REPAIR	100		100										
SM4000256	B-CELL SHIELDED DOOR	400			400									
BC40060	MANIPULATOR REPAIR	100			100									
BC400579	B-CELL MANIPULATOR C	10			10									
SM400565C6	MANIPULATOR CHANGE	10			10									
SM400567F6	MANIPULATOR REPAIR	100			100									
BC40061	MANIPULATOR REPAIR	100				100								
BC400580	B-CELL MANIPULATOR C	10				10								
SM9013756	C-CELL SHIELDED DOOR	400					400							
SM400567G6	MANIPULATOR REPAIR	100					100							
BC28194	RM11POG FILTER CHANG	80						80						

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 7

TOTAL USAGE FOR MONTH

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324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 8

TOTAL USAGE FOR MONTH

ITEM NO	DESCRIPTION	QTY	UNIT	PRICE	TOTAL
BC50046A	CRANE MAINTENANCE	125		125	
BC50046B	CRANE MAINTENANCE	125		125	
BC50046C	CRANE MAINTENANCE	125		125	
BC50046D	CRANE MAINTENANCE	125		125	
BC50046E	CRANE MAINTENANCE	125		125	
BC132A96A	CAMERA & EQUIP MAINT	4		4	
SM400566R6	CAMERA & EQUIP MAINT	4		4	
BC132A96B	CAMERA & EQUIP MAINT	4		4	
BC132A96C	CAMERA & EQUIP MAINT	4		4	
BC132A96D	CAMERA & EQUIP MAINT	4		4	
BC132A96E	CAMERA & EQUIP MAINT	4		4	
BC132A96F	CAMERA & EQUIP MAINT	4		4	
SM400566S6	CAMERA & EQUIP MAINT	4		4	
BC132A96G	CAMERA & EQUIP MAINT	4		4	
BC132A96H	CAMERA & EQUIP MAINT	4		4	
BC160310A	INSTALLATION OF WES	200		200	
BC132A96I	CAMERA & EQUIP MAINT	4		4	
BC132A96J	CAMERA & EQUIP MAINT	4		4	
BC60026C	CRANE MAINTENANCE	300		300	
BC60091D	AIRLOCK CLEANOUT	75		75	
BC150060A	INSTALL 10-TON CRANE	100		100	
BC150060B	INSTALL 10-TON CRANE	100		100	
BC150060C	INSTALL 10-TON CRANE	100		100	
BC150060D	INSTALL 10-TON CRANE	100		100	
BC150060E	INSTALL 10-TON CRANE	100		100	
BC150060F	INSTALL 10-TON CRANE	100		100	
BC150060G	INSTALL 10-TON CRANE	100		100	
BC150060H	INSTALL 10-TON CRANE	100		100	
BC150060I	INSTALL 10-TON CRANE	100		100	
BC150060J	INSTALL 10-TON CRANE	100		100	
BC132A96K	CAMERA & EQUIP MAINT	4		4	
BC132A96L	CAMERA & EQUIP MAINT	4		4	
SM400566T6	CAMERA & EQUIP MAINT	4		4	

BATTTELLE PACIFIC NM LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 532
10:49

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 9

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1996	FEB 1996	MAR 1996	APR 1996	MAY 1996	JUN 1996	JUL 1996	AUG 1996	SEP 1996	OCT 1996	NOV 1996	DEC 1996
RPT	- RADIATION PROTECTION TECHNICIAN ()													

KEH -

SUBTOTAL KEH	2260	633	4	4	4	4	4	4	8	204	4	1379	4	8
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PNL

BC50046F	AIRLOCK CLEANOUT	38	38											
BC400577	B-CELL MANIPULATOR C	20	20											
BC40058	MANIPULATOR REPAIR	4	4											
SM4005656	MANIPULATOR CHANGE	4	4											
SM400567D6	MANIPULATOR REPAIR	4	4											
SM500000E6	WASTE PACKAGING/DISP	5	5											
SM5003156	STATIC PRESSURE ALAR	10	10											
SMF108	WASTE DISPOSAL	10	10											
SM4000206	PH ON BLDG HOT CELL	5		5										
BC28193	RM11POG FILTER CHANG	20		20										
SM500000G6	WASTE PACKAGING/DISP	5		5										
SM9016856	HEPA (A-FRAME)	100		100										
BCMFC705A	INSTALL EQUIP IN ATR	45		45										
BCMFC705B	INSTALL EQUIP IN ATR	45		45										
BC400578	B-CELL MANIPULATOR C	20		20										
BC40059	MANIPULATOR REPAIR	4		4										
SM400565B6	MANIPULATOR CHANGE	4		4										
SM400567E6	MANIPULATOR REPAIR	4		4										
SMF109	WASTE DISPOSAL	10		10										
SM50000H6	WASTE PACKAGING/DISP	5		5										
SM500315B6	STATIC PRESSURE ALAR	10		10										
SM50000I6	WASTE PACKAGING/DISP	5			5									
SMF110	WASTE DISPOSAL	10			10									
SM5000006	WASTE PACKAGING/DISP	75			75									
SM4000256	B-CELL SHIELDED DOOR	75			75									
BC40060	MANIPULATOR REPAIR	4			4									
SM500000J6	WASTE PACKAGING/DISP	5			5									
SM500315C6	STATIC PRESSURE ALAR	10			10									
BC400579	B-CELL MANIPULATOR C	20			20									
SM400565C6	MANIPULATOR CHANGE	4			4									
SM400567F6	MANIPULATOR REPAIR	4			4									
SM500000K6	WASTE PACKAGING/DISP	5				5								
SMF111	WASTE DISPOSAL	10				10								
BC40061	MANIPULATOR REPAIR	4				4								
SM500000L6	WASTE PACKAGING/DISP	5				5								
SM500315D6	STATIC PRESSURE ALAR	10				10								
BC400580	B-CELL MANIPULATOR C	4				4								
SM9013756	C-CELL SHIELDED DOOR	75					75							

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUK NO. 532
10:49

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 10

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1996	FEB 1996	MAR 1996	APR 1996	MAY 1996	JUN 1996	JUL 1996	AUG 1996	SEP 1996	OCT 1996	NOV 1996	DEC 1996
RPT	- RADIATION PROTECTION TECHNICIAN ()													
PNL														
SM400567G6	MANIPULATOR REPAIR	4					4							
SM500000H6	WASTE PACKAGING/DISP	5					5							
BC28194	RM11POG FILTER CHANG	20					20							
SM400565D6	MANIPULATOR CHANGE	4					4							
SM500000H6	WASTE PACKAGING/DISP	5					5							
BC40062	MANIPULATOR REPAIR	4					4							
SM500315E6	STATIC PRESSURE ALAR	10					10							
BC400581	B-CELL MANIPULATOR C	4					4							
SMF112	WASTE DISPOSAL	10					10							
SM50000006	WASTE PACKAGING/DISP	5						5						
SM400567H6	MANIPULATOR REPAIR	4						4						
SM500000B6	WASTE PACKAGING/DISP	75						75						
SM9013806	D-CELL SHIELDED DOOR	75						75						
SM500000P6	WASTE PACKAGING/DISP	5						5						
SM400566E6	MANIPULATOR CHANGE	4						4						
BC40063	MANIPULATOR REPAIR	4						4						
SM500315F6	STATIC PRESSURE ALAR	10						10						
SMF113	WASTE DISPOSAL	10						10						
BC400582	B-CELL MANIPULATOR C	4						4						
SM400415B6	D-CELL CRANE PREV. M	200							200					
SM50000006	WASTE PACKAGING/DISP	5							5					
SM500000R6	WASTE PACKAGING/DISP	5							5					
SM400567I6	MANIPULATOR REPAIR	4							4					
BC40064	MANIPULATOR REPAIR	4							4					
SM500315G6	STATIC PRESSURE ALAR	10							10					
SMF114	WASTE DISPOSAL	10							10					
BC400583	B-CELL MANIPULATOR C	4							4					
SM500000S6	WASTE PACKAGING/DISP	5								5				
SM400566F6	MANIPULATOR CHANGE	4								4				
BC28195	RM11POG FILTER CHANG	20								20				
SM400415C6	S-CELL PAR PREV. MA	50								50				
SM901685B6	HEPA (A-FRAME)	100								100				
SM500000T6	WASTE PACKAGING/DISP	5								5				
SM400567J6	MANIPULATOR REPAIR	4								4				
BC40065	MANIPULATOR REPAIR	4								4				
SM500315H6	STATIC PRESSURE ALAR	10								10				
BC400584	B-CELL MANIPULATOR C	4								4				
SM500000U6	WASTE PACKAGING/DISP	5								5				
SMF115	WASTE DISPOSAL	10								10				
BC70060	LLW CAMPAIGN #7 1ST	50									50			
BC700608	LLW CAMPAIGN #7 2ND	50									50			
SM400566G6	MANIPULATOR CHANGE	4									4			
SM500000C6	WASTE PACKAGING/DISP	75									75			

Appendix E

1997 Summary Dose by Project/Area

BATTTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 538
11:13

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

DETAIL BY PROJECT/AREA

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
B-CELL -														
BC600090A	REMOVE JUMPERS & INS	840	840											
BC600090B	REMOVE JUMPERS & INS	840	840											
BC600090C	REMOVE JUMPERS & INS	840	840											
BC600090D	REMOVE JUMPERS & INS	840	840											
BC600090E	REMOVE JUMPERS & INS	840	840											
BC600090F	REMOVE JUMPERS & INS	840	840											
BC600090G	REMOVE JUMPERS & INS	840	840											
BC600090H	REMOVE JUMPERS & INS	840	840											
BC600090I	REMOVE JUMPERS & INS	840	840											
BC600090J	REMOVE JUMPERS & INS	840	840											
BC132A96M	CAMERA & EQUIP MAINT	64	64											
BC400589	B-CELL MANIPULATOR C	34	34											
BC40070	MANIPULATOR REPAIR	164	164											
BC28197	RH11POG FILTER CHANG	110		110										
BC132A96N	CAMERA & EQUIP MAINT	64		64										
BC400590	B-CELL MANIPULATOR C	34		34										
BC40071	MANIPULATOR REPAIR	164		164										
BC60091A	CRANE MAINTENANCE	750			750									
BC60091B	CRANE MAINTENANCE	1250			1250									
BC60091C	CRANE MAINTENANCE	1050			1050									
BC132A96O	CAMERA & EQUIP MAINT	64		64										
BC40072	MANIPULATOR REPAIR	164		164										
BC400591	B-CELL MANIPULATOR C	34				34								
BC132A96P	CAMERA & EQUIP MAINT	64				64								
BC40073	MANIPULATOR REPAIR	164				164								
BC400592	B-CELL MANIPULATOR C	34				34								
BC28198	RH11POG FILTER CHANG	110					110							
BC600035A	REMOVE AIRLOCK JUMPE	500					500							
BC132A96Q	CAMERA & EQUIP MAINT	64					64							
BC600000A	LLW CAMPAIGN #8 - 1S	230					230							
BC600000B	LLW CAMPAIGN #8 - 2N	230					230							
BC600000C	LLW CAMPAIGN #8 - 3R	230					230							
BC600035B	REMOVE AIRLOCK JUMPE	500					500							
BC40074	MANIPULATOR REPAIR	164					164							
BC600000D	LLW CAMPAIGN #8 - 4T	230					230							
BC600000E	LLW CAMPAIGN #8 - 5T	230					230							
BC400593	B-CELL MANIPULATOR C	34					34							
BC600000F	LLW CAMPAIGN #8 - 6T	230					230							
BC600000G	LLW CAMPAIGN #8 - 7T	230						230						
BC600000H	LLW CAMPAIGN #8 - 8T	230						230						
BC600000I	AIRLOCK CLEANOUT	305						305						
BC132A96R	CAMERA & EQUIP MAINT	64						64						
BC40075	MANIPULATOR REPAIR	164						164						
BC400594	B-CELL MANIPULATOR C	34						34						
BC132A96S	CAMERA & EQUIP MAINT	64							64					

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

TOTAL USAGE FOR MONTH

SM400415D7 E-CELL PAR PREV. MA	185	185
SM400415E7 E-CELL CRANE PREV.	185	185

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 538
11:13

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

DETAIL BY PROJECT/AREA

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
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E-CELL -

TOTAL	E-CELL	370										185	185
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SMH -

SM4005657	MANIPULATOR CHANGE	34	34										
SM4005667	CAMERA & EQUIP MAINT	64	64										
SM400567D7	MANIPULATOR REPAIR	164	164										
SM500000E7	WASTE PACKAGING/DISP	10	10										
SM5003157	STATIC PRESSURE ALAR	30	30										
SM4000207	PM ON BLDG HOT CELL	35		35									
SM500000G7	WASTE PACKAGING/DISP	10		10									
SM9016957	HEPA (A-FRAME)	1020		1020									
SM400567E7	MANIPULATOR REPAIR	164		164									
SM4005687	MANIPULATOR CHANGE	34		34									
SM500000H7	WASTE PACKAGING/DISP	10		10									
SM500315B7	STATIC PRESSURE ALAR	30		30									
SM500000I7	WASTE PACKAGING/DISP	10			10								
SM500000J7	WASTE PACKAGING/DISP	425			425								
SM4000257	B-CELL SHIELDED DOOR	1815			1815								
SM500000K7	WASTE PACKAGING/DISP	10			10								
SM500315C7	STATIC PRESSURE ALAR	30			30								
SM400565C7	MANIPULATOR CHANGE	34				34							
SM400567F7	MANIPULATOR REPAIR	164				164							
SM500000K7	WASTE PACKAGING/DISP	10				10							
SM500000L7	WASTE PACKAGING/DISP	10				10							
SM500315D7	STATIC PRESSURE ALAR	30				30							
SM400567G7	MANIPULATOR REPAIR	164					164						
SM500000M7	WASTE PACKAGING/DISP	10					10						
SM400565D7	MANIPULATOR CHANGE	34					34						
SM500000N7	WASTE PACKAGING/DISP	10					10						
SM500315E7	STATIC PRESSURE ALAR	30					30						
SM500000O7	WASTE PACKAGING/DISP	10						10					
SM400567H7	MANIPULATOR REPAIR	164						164					
SM500000B7	WASTE PACKAGING/DISP	425						425					
SM500000P7	WASTE PACKAGING/DISP	10						10					
SM40056E7	MANIPULATOR CHANGE	34						34					
SM500315F7	STATIC PRESSURE ALAR	30						30					
SM500000Q7	WASTE PACKAGING/DISP	10							10				
SM400566S7	CAMERA & EQUIP MAINT	64							64				
SM500000R7	WASTE PACKAGING/DISP	10							10				
SM400567I7	MANIPULATOR REPAIR	164							164				
SM500315G7	STATIC PRESSURE ALAR	30							30				
SM500000S7	WASTE PACKAGING/DISP	10								10			
SM40056F7	MANIPULATOR CHANGE	34									34		

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 538
11:13

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 4

DETAIL BY PROJECT/AREA

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
SAM -														
SM901685B7	HEPA (A-FRAME)	1020								1020				
SM500000T7	WASTE PACKAGING/DISP	10								10				
SM400567J7	MANIPULATOR REPAIR	164								164				
SM500315H7	STATIC PRESSURE ALAR	30								30				
SM500000U7	WASTE PACKAGING/DISP	10									10			
SM400566G7	MANIPULATOR CHANGE	34									34			
SM500000C7	WASTE PACKAGING/DISP	425									425			
SM500000V7	WASTE PACKAGING/DISP	10									10			
SM500315I7	STATIC PRESSURE ALAR	30									30			
SM400567K7	MANIPULATOR REPAIR	164									164			
SM500000W7	WASTE PACKAGING/DISP	10									10			
SM500000X7	WASTE PACKAGING/DISP	10										10		
SM500315J7	STATIC PRESSURE ALAR	30										30		
SM400566H7	MANIPULATOR CHANGE	34										34		
SM500000Y7	WASTE PACKAGING/DISP	10										10		
SM400567L7	MANIPULATOR REPAIR	164											164	
SM500000Z7	WASTE PACKAGING/DISP	10											10	
SM500315K7	STATIC PRESSURE ALAR	30											30	
SM400566I7	MANIPULATOR CHANGE	34											34	
SM500000A7	WASTE PACKAGING/DISP	10											10	
SM500000B7	WASTE PACKAGING/DISP	10												10
SM400567M7	MANIPULATOR REPAIR	164												164
SM500000D7	WASTE PACKAGING/DISP	425												425
SM400566T7	CAMERA & EQUIP MAINT	64												64
SM500315L7	STATIC PRESSURE ALAR	30												30
SM500000C7	WASTE PACKAGING/DISP	10												10
SM400566J7	MANIPULATOR CHANGE	34												34
TOTAL	SAM	8362	302	1303	2290	248	248	673	276	1268	683	84	248	737

SC -

SM400415C7	S-CELL PAR PREV. MA	2520								2520				
SM400415N7	S-CELL CRANE PREV.	2520									2520			

TOTAL	SC	5040								2520	2520			
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SMF -

SMF120	WASTE DISPOSAL	30	30											
SMF121	WASTE DISPOSAL	30		30										
SMF122	WASTE DISPOSAL	30			30									
SMF124	WASTE DISPOSAL	30				30								
SMF126	WASTE DISPOSAL	30						30						
SMF123	WASTE DISPOSAL	30							30					

DETAIL BY PROJECT/AREA TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
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SMF -

SM9013857	SMF SHIELDED DOOR PR	25						25						
SMF130	WASTE DISPOSAL	30												
SMF125	WASTE DISPOSAL	30												
SMF132	WASTE DISPOSAL	30												
SMF127	WASTE DISPOSAL	30												
SMF128	WASTE DISPOSAL	30												
SM400415F7	SMF AL CRANE PREV.	185												
SMF129	WASTE DISPOSAL	30												
TOTAL	SMF	570	30	30	30	30	30	60	55	60	30	30	30	215

REPORT TOTAL 44301 8994 1705 5598 574 4815 3575 4570 4160 3525 561 2606 3618

1997

**Detail by Resource
and Contractor**

BATTTELLE PACIFIC NM LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 533
10:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
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AIR-BAL - AIR-BALANCE ()

PNL

SH5003157	STATIC PRESSURE ALAR	10	10											
SH4000207	PM ON BLDG HOT CELL	20		20										
SH9016957	HEPA (A-FRAME)	200		200										
SH500315B7	STATIC PRESSURE ALAR	10		10										
SH500315C7	STATIC PRESSURE ALAR	10			10									
SH500315D7	STATIC PRESSURE ALAR	10				10								
SH500315E7	STATIC PRESSURE ALAR	10					10							
SH500315F7	STATIC PRESSURE ALAR	10						10						
SH500315G7	STATIC PRESSURE ALAR	10							10					
SH901685B7	HEPA (A-FRAME)	200								200				
SH500315H7	STATIC PRESSURE ALAR	10								10				
SH500315I7	STATIC PRESSURE ALAR	10									10			
SH500315J7	STATIC PRESSURE ALAR	10										10		
SH500315K7	STATIC PRESSURE ALAR	10											10	
SH500315L7	STATIC PRESSURE ALAR	10												10
SUBTOTAL PNL		540	10	230	10	10	10	10	10	210	10	10	10	10

TOTAL	AIR-BAL	540	10	230	10	10	10	10	10	210	10	10	10	10
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ASSIST - ASSIST PERSON (MR)

KEH -

BC60091A	CRANE MAINTENANCE	100			100									
BC60091B	CRANE MAINTENANCE	100			100									
BC60091C	CRANE MAINTENANCE	100			100									
BC80017A	CRANE MAINTENANCE	100											100	
BC80017B	CRANE MAINTENANCE	100											100	
SUBTOTAL KEH		500			300								200	

PHL

SH9016957	HEPA (A-FRAME)	20		20										
SH5000007	WASTE PACKAGING/DISP	50			50									
SH4000257	B-CELL SHIELDED DOOR	40			40									
SH9013757	C-CELL SHIELDED DOOR	40					40							
BC600035A	REMOVE AIRLOCK JUMPE	100					100							
BC600000A	LLW CAMPAIGN #8 - 1S	30					30							
BC600000B	LLW CAMPAIGN #8 - 2H	30					30							
BC600000C	LLW CAMPAIGN #8 - 3R	30					30							

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

TOTAL USAGE FOR MONTH

PNL

SUBTOTAL PNL

ELCTRCH - ELECTRICIAN ()

KEH -

[illegible]

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 533
10:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
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ELCTRCN - ELECTRICIAN ()

KEH -

SUBTOTAL KEH	600	80	40	40	40	40	40	40	80	40	40	40	40	80
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PNL

SM4000257	B-CELL SHIELDED DOOR	400			400									
SM9013757	C-CELL SHIELDED DOOR	400				400								
SM9013807	D-CELL SHIELDED DOOR	400					400							
SM400415B7	D-CELL CRANE PREV. M	400							400					
SM9013857	SMF SHIELDED DOOR PR	5							5					
SM400415C7	S-CELL PAR PREV. MA	400								400				
SM400415H7	S-CELL CRANE PREV.	400									400			
SM400415D7	E-CELL PAR PREV. MA	40										40		
SM400415E7	E-CELL CRANE PREV.	40											40	
SM400415F7	SMF AL CRANE PREV.	40												40
SM400415M7	C-CELL CRANE PREV. M	200												200
SUBTOTAL PNL		2725			400		400	400	405	400	400	40	40	240

TOTAL	ELCTRCN	3325	80	40	440	40	440	440	485	440	440	80	80	320
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ENTRY PE - ENTRY PERSON ()

PNL

BC600000A	LLW CAMPAIGN #8 - 1S	100					100							
BC600000B	LLW CAMPAIGN #8 - 2H	100					100							
BC600000C	LLW CAMPAIGN #8 - 3R	100					100							
BC600000D	LLW CAMPAIGN #8 - 4T	100					100							
BC600000E	LLW CAMPAIGN #8 - 5T	100					100							
BC600000F	LLW CAMPAIGN #8 - 6T	100					100							
BC600000G	LLW CAMPAIGN #8 - 7T	100						100						
BC600000H	LLW CAMPAIGN #8 - 8T	100						100						

SUBTOTAL PNL		800					600	200						
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TOTAL	ENTRY PE	800					600	200						
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BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 533
10:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 4

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
MLLWRGHT - MILLWRIGHT ()														
KEH -														
BC60091A	CRANE MAINTENANCE	500			500									
BC60091B	CRANE MAINTENANCE	1000			1000									
BC60091C	CRANE MAINTENANCE	500			500									
BC80017A	CRANE MAINTENANCE	500											500	
BC80017B	CRANE MAINTENANCE	500											500	
SUBTOTAL KEH		3000			2000								1000	

PNL

BC600090A	REMOVE JUMPERS & INS	700	700											
BC600090B	REMOVE JUMPERS & INS	700	700											
BC600090C	REMOVE JUMPERS & INS	700	700											
BC600090D	REMOVE JUMPERS & INS	700	700											
BC600090E	REMOVE JUMPERS & INS	700	700											
BC600090F	REMOVE JUMPERS & INS	700	700											
BC600090G	REMOVE JUMPERS & INS	700	700											
BC600090H	REMOVE JUMPERS & INS	700	700											
BC600090I	REMOVE JUMPERS & INS	700	700											
BC600090J	REMOVE JUMPERS & INS	700	700											
BC400589	B-CELL MANIPULATOR C	10	10											
BC40070	MANIPULATOR REPAIR	100	100											
SM4005657	MANIPULATOR CHANGE	10	10											
SM40056707	MANIPULATOR REPAIR	100	100											
BC28197	RM11POG FILTER CHANG	80		80										
SM9016957	HEPA (A-FRAME)	400		400										
BC400590	B-CELL MANIPULATOR C	10		10										
BC40071	MANIPULATOR REPAIR	100		100										
SM400567E7	MANIPULATOR REPAIR	100		100										
SM40056B7	MANIPULATOR CHANGE	10		10										
SM4000257	B-CELL SHIELDED DOOR	400			400									
BC40072	MANIPULATOR REPAIR	100			100									
BC400591	B-CELL MANIPULATOR C	10				10								
SM400565C7	MANIPULATOR CHANGE	10				10								
SM400567F7	MANIPULATOR REPAIR	100				100								
BC40073	MANIPULATOR REPAIR	100				100								
BC400592	B-CELL MANIPULATOR C	10				10								
SM9013757	C-CELL SHIELDED DOOR	400					400							
SM400567G7	MANIPULATOR REPAIR	100					100							
BC28198	RM11POG FILTER CHANG	80					80							
SM400565D7	MANIPULATOR CHANGE	10					10							
BC40074	MANIPULATOR REPAIR	100					100							
BC400593	B-CELL MANIPULATOR C	10					10							

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 533
10:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 5

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
MLLRGHT - MILLRIGHT ()														
PHL														
SM400567H7	MANIPULATOR REPAIR	100						100						
SM9013807	D-CELL SHIELDED DOOR	400						400						
SM40056E7	MANIPULATOR CHANGE	10						10						
BC40075	MANIPULATOR REPAIR	100						100						
BC400594	B-CELL MANIPULATOR C	10						10						
SM400415B7	D-CELL CRANE PREV. M	1200							1200					
SM9013857	SMF SHIELDED DOOR PR	10							10					
SM400567I7	MANIPULATOR REPAIR	100							100					
BC40076	MANIPULATOR REPAIR	100							100					
BC400595	B-CELL MANIPULATOR C	10							10					
SM40056F7	MANIPULATOR CHANGE	10								10				
BC28199	RM11POG FILTER CHANG	80								80				
SM400415C7	S-CELL PAR PREV. MA	1200								1200				
SM901685B7	HEPA (A-FRAME)	400								400				
SM400567J7	MANIPULATOR REPAIR	100								100				
BC40077	MANIPULATOR REPAIR	100								100				
BC400596	B-CELL MANIPULATOR C	10								10				
SM40056G7	MANIPULATOR CHANGE	10									10			
SM400415H7	S-CELL CRANE PREV.	1200								1200				
BC40078	MANIPULATOR REPAIR	100								100				
SM400567K7	MANIPULATOR REPAIR	100								100				
BC400597	B-CELL MANIPULATOR C	10								10				
SM400415D7	E-CELL PAR PREV. MA	80									80			
BC40079	MANIPULATOR REPAIR	100									100			
SM40056H7	MANIPULATOR CHANGE	10									10			
BC400598	B-CELL MANIPULATOR C	10									10			
SM400567L7	MANIPULATOR REPAIR	100										100		
BC28200	RM11POG FILTER CHANG	80										80		
SM400415E7	E-CELL CRANE PREV.	80										80		
BC40080	MANIPULATOR REPAIR	100										100		
SM40056I7	MANIPULATOR CHANGE	10										10		
BC400599	B-CELL MANIPULATOR C	10											10	
SM400415F7	SMF AL CRANE PREV.	80												80
SM400567M7	MANIPULATOR REPAIR	100												100
BC400600	B-CELL MANIPULATOR C	10												10
BC40081	MANIPULATOR REPAIR	100												100
SM400415M7	C-CELL CRANE PREV. M	600												600
SM40056J7	MANIPULATOR CHANGE	10												10
SUBTOTAL PHL		16190	7220	700	500	230	700	620	1420	1900	1420	200	370	910

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 533
10:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 6

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
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MLLWRGHT - MILLWRIGHT ()

TOTAL	MLLWRGHT	19190	7220	700	2500	230	700	620	1420	1900	1420	200	1370	910
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RPT - RADIATION PROTECTION TECHNICIAN ()

KEH -

BC132A96M	CAMERA & EQUIP MAINT	4	4											
SM400566R7	CAMERA & EQUIP MAINT	4	4											
BC132A96N	CAMERA & EQUIP MAINT	4		4										
BC60091C	CRANE MAINTENANCE	300			300									
BC132A96O	CAMERA & EQUIP MAINT	4		4										
BC132A96P	CAMERA & EQUIP MAINT	4				4								
BC132A96Q	CAMERA & EQUIP MAINT	4					4							
BC132A96R	CAMERA & EQUIP MAINT	4						4						
SM400566S7	CAMERA & EQUIP MAINT	4							4					
BC132A96S	CAMERA & EQUIP MAINT	4							4					
BC132A96T	CAMERA & EQUIP MAINT	4								4				
BC132A96U	CAMERA & EQUIP MAINT	4									4			
BC132A96V	CAMERA & EQUIP MAINT	4										4		
BC132A96W	CAMERA & EQUIP MAINT	4											4	
BC132A96X	CAMERA & EQUIP MAINT	4												4
SM400566T7	CAMERA & EQUIP MAINT	4												4
SUBTOTAL KEH		360	8	4	304	4	4	4	8	4	4	4	4	8

PNL

BC600090A	REMOVE JUMPERS & INS	100	100
BC600090B	REMOVE JUMPERS & INS	100	100
BC600090C	REMOVE JUMPERS & INS	100	100
BC600090D	REMOVE JUMPERS & INS	100	100
BC600090E	REMOVE JUMPERS & INS	100	100
BC600090F	REMOVE JUMPERS & INS	100	100
BC600090G	REMOVE JUMPERS & INS	100	100
BC600090H	REMOVE JUMPERS & INS	100	100
BC600090I	REMOVE JUMPERS & INS	100	100
BC600090J	REMOVE JUMPERS & INS	100	100
BC400589	B-CELL MANIPULATOR C	4	4
BC40070	MANIPULATOR REPAIR	4	4
SM4005657	MANIPULATOR CHANGE	4	4
SM400567D7	MANIPULATOR REPAIR	4	4
SM500000E7	WASTE PACKAGING/DISP	5	5
SM5003157	STATIC PRESSURE ALAR	10	10
SMF120	WASTE DISPOSAL	10	10

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUM NO. 533
10:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 7

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
RPT	- RADIATION PROTECTION TECHNICIAN ()													
PHL														
SM4000207	PM ON BLDG HOT CELL	5		5										
BC28197	RM11POG FILTER CHANG	20		20										
SM500000G7	WASTE PACKAGING/DISP	5		5										
SM9016957	HEPA (A-FRAME)	100		100										
BC400590	B-CELL MANIPULATOR C	4		4										
BC40071	MANIPULATOR REPAIR	4		4										
SM400567E7	MANIPULATOR REPAIR	4		4										
SM4005687	MANIPULATOR CHANGE	4		4										
SMF121	WASTE DISPOSAL	10		10										
SM50000H7	WASTE PACKAGING/DISP	5		5										
SM500315B7	STATIC PRESSURE ALAR	10		10										
SM50000I7	WASTE PACKAGING/DISP	5			5									
SMF122	WASTE DISPOSAL	10			10									
SM5000007	WASTE PACKAGING/DISP	75			75									
SM4000257	B-CELL SHIELDED DOOR	75			75									
BC40072	MANIPULATOR REPAIR	4			4									
SM500000J7	WASTE PACKAGING/DISP	5			5									
SM500315C7	STATIC PRESSURE ALAR	10			10									
BC400591	B-CELL MANIPULATOR C	4				4								
SM400565C7	MANIPULATOR CHANGE	4				4								
SM400567F7	MANIPULATOR REPAIR	4				4								
SM500000K7	WASTE PACKAGING/DISP	5				5								
SMF124	WASTE DISPOSAL	10				10								
BC40073	MANIPULATOR REPAIR	4				4								
SM500000L7	WASTE PACKAGING/DISP	5				5								
SM500315D7	STATIC PRESSURE ALAR	10				10								
BC400592	B-CELL MANIPULATOR C	4				4								
SM9013757	C-CELL SHIELDED DOOR	75					75							
SM400567G7	MANIPULATOR REPAIR	4					4							
SM500000M7	WASTE PACKAGING/DISP	5					5							
BC28198	RM11POG FILTER CHANG	20					20							
BC600035A	REMOVE AIRLOCK JUMPE	50					50							
SM400565D7	MANIPULATOR CHANGE	4					4							
BC60000A	LLW CAMPAIGN #8 - 1S	50					50							
BC60000B	LLW CAMPAIGN #8 - 2H	50					50							
BC60000C	LLW CAMPAIGN #8 - 3R	50					50							
BC600035B	REMOVE AIRLOCK JUMPE	50					50							
SM500000N7	WASTE PACKAGING/DISP	5					5							
BC40074	MANIPULATOR REPAIR	4					4							
BC60000D	LLW CAMPAIGN #8 - 4T	50					50							
SM500315E7	STATIC PRESSURE ALAR	10					10							
BC60000E	LLW CAMPAIGN #8 - 5T	50					50							
BC400593	B-CELL MANIPULATOR C	4					4							

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 533
10:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 8

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
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RPT - RADIATION PROTECTION TECHNICIAN ()

PNL

BC60000F	LLW CAMPAIGN #8 - 6T	50						50						
BC60000G	LLW CAMPAIGN #8 - 7T	50						50						
BC60000H	LLW CAMPAIGN #8 - 8T	50						50						
SMF126	WASTE DISPOSAL	10						10						
BC60000I	AIRLOCK CLEANOUT	75						75						
SM50000007	WASTE PACKAGING/DISP	5						5						
SM400567H7	MANIPULATOR REPAIR	4						4						
SM500000B7	WASTE PACKAGING/DISP	75						75						
SM9013807	D-CELL SHIELDED DOOR	75						75						
SM500000P7	WASTE PACKAGING/DISP	5						5						
SM40056E7	MANIPULATOR CHANGE	4						4						
BC40075	MANIPULATOR REPAIR	4						4						
SM500315F7	STATIC PRESSURE ALAR	10						10						
SMF123	WASTE DISPOSAL	10						10						
BC400594	B-CELL MANIPULATOR C	4						4						
SM400415B7	D-CELL CRANE PREV. H	200							200					
SM500000Q7	WASTE PACKAGING/DISP	5						5						
SM500000R7	WASTE PACKAGING/DISP	5						5						
SM400567I7	MANIPULATOR REPAIR	4						4						
BC40076	MANIPULATOR REPAIR	4						4						
SM500315G7	STATIC PRESSURE ALAR	10						10						
SMF130	WASTE DISPOSAL	10						10						
BC400595	B-CELL MANIPULATOR C	4						4						
SM500000S7	WASTE PACKAGING/DISP	5							5					
SM40056F7	MANIPULATOR CHANGE	4							4					
BC28199	RM11POG FILTER CHANG	20							20					
SM400415C7	S-CELL PAR PREV. MA	50							50					
SM901685B7	HEPA (A-FRAME)	100							100					
SM500000T7	WASTE PACKAGING/DISP	5							5					
SM400567J7	MANIPULATOR REPAIR	4							4					
BC40077	MANIPULATOR REPAIR	4							4					
SM500315H7	STATIC PRESSURE ALAR	10							10					
BC400596	B-CELL MANIPULATOR C	4							4					
SM500000U7	WASTE PACKAGING/DISP	5								5				
SMF125	WASTE DISPOSAL	10								10				
SM40056G7	MANIPULATOR CHANGE	4								4				
SM500000C7	WASTE PACKAGING/DISP	75								75				
SM400415N7	S-CELL CRANE PREV.	50								50				
SM500000V7	WASTE PACKAGING/DISP	5								5				
BC40078	MANIPULATOR REPAIR	4								4				
SM500315I7	STATIC PRESSURE ALAR	10								10				
SMF132	WASTE DISPOSAL	10								10				
SM400567K7	MANIPULATOR REPAIR	4								4				

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 533
10:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 9

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
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RPT - RADIATION PROTECTION TECHNICIAN ()

PHL

BC400597	B-CELL MANIPULATOR C	4									4			
SM500000W7	WASTE PACKAGING/DISP	5								5				
SM500000X7	WASTE PACKAGING/DISP	5										5		
SMF127	WASTE DISPOSAL	10										10		
SM400415D7	E-CELL PAR PREV. MA	5										5		
BC40079	MANIPULATOR REPAIR	4										4		
SM500315J7	STATIC PRESSURE ALAR	10										10		
SM40056H7	MANIPULATOR CHANGE	4										4		
SM500000Y7	WASTE PACKAGING/DISP	5										5		
BC400598	B-CELL MANIPULATOR C	4										4		
SM400567L7	MANIPULATOR REPAIR	4											4	
BC28200	RM11POG FILTER CHANG	20											20	
SM500000Z7	WASTE PACKAGING/DISP	5											5	
SM400415E7	E-CELL CRANE PREV.	5											5	
SMF128	WASTE DISPOSAL	10											10	
BC40080	MANIPULATOR REPAIR	4											4	
SM500315K7	STATIC PRESSURE ALAR	10											10	
BC80017C	AIRLOCK CLEANOUT	75											75	
SM4005617	MANIPULATOR CHANGE	4											4	
SM500001A7	WASTE PACKAGING/DISP	5											5	
BC400599	B-CELL MANIPULATOR C	4												4
SM400415F7	SMF AL CRANE PREV.	5												5
SM500001B7	WASTE PACKAGING/DISP	5												5
SM400567H7	MANIPULATOR REPAIR	4												4
SM500000D7	WASTE PACKAGING/DISP	75												75
SM500315L7	STATIC PRESSURE ALAR	10												10
BC400600	B-CELL MANIPULATOR C	4												4
BC40081	MANIPULATOR REPAIR	4												4
SM400415H7	C-CELL CRANE PREV. M	50												50
SMF129	WASTE DISPOSAL	10												10
SM500001C7	WASTE PACKAGING/DISP	5												5
SM40056J7	MANIPULATOR CHANGE	4												4

SUBTOTAL PHL		3361	1041	171	184	50	531	381	242	206	186	47	142	180
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TOTAL	RPT	3721	1049	175	488	54	535	385	250	210	190	51	146	188
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TECH - TECHNICIAN ()

KEH -

BC132A96M	CAMERA & EQUIP MAINT	20	20
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324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 10

TOTAL USAGE FOR MONTH

KEH -

SUBTOTAL KEH

PNL

BC400589	B-CELL MANIPULATOR C	20	20
BC40070	MANIPULATOR REPAIR	60	60
SM4005657	MANIPULATOR CHANGE	20	20
SM400567D7	MANIPULATOR REPAIR	60	60
SM500000E7	WASTE PACKAGING/DISP	5	5
SM5003157	STATIC PRESSURE ALAR	10	10
SMF120	WASTE DISPOSAL	20	20
SM4000207	PH ON BLDG HOT CELL	10	10
BC28197	RH11POG FILTER CHANG	10	10
SM500000G7	WASTE PACKAGING/DISP	5	5
SM9016957	HEPA (A-FRAME)	300	300
BC400590	B-CELL MANIPULATOR C	20	20
BC40071	MANIPULATOR REPAIR	60	60
SM400567E7	MANIPULATOR REPAIR	60	60
SM4005687	MANIPULATOR CHANGE	20	20
SMF121	WASTE DISPOSAL	20	20
SM500000H7	WASTE PACKAGING/DISP	5	5
SM500315B7	STATIC PRESSURE ALAR	10	10
SM500000I7	WASTE PACKAGING/DISP	5	5
SMF122	WASTE DISPOSAL	20	20
SM500000J7	WASTE PACKAGING/DISP	200	200
SM4000257	B-CELL SHIELDED DOOR	750	750
BC40072	MANIPULATOR REPAIR	60	60
SM500000K7	WASTE PACKAGING/DISP	5	5

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 533
10:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 11

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
TECH	- TECHNICIAN -()													
PHL														
SM500315C7	STATIC PRESSURE ALAR	10			10									
BC400591	B-CELL MANIPULATOR C	20				20								
SM400565C7	MANIPULATOR CHANGE	20				20								
SM400567F7	MANIPULATOR REPAIR	60				60								
SM500000K7	WASTE PACKAGING/DISP	5				5								
SMF124	WASTE DISPOSAL	20				20								
BC40073	MANIPULATOR REPAIR	60				60								
SM500000L7	WASTE PACKAGING/DISP	5				5								
SM500315D7	STATIC PRESSURE ALAR	10				10								
BC400592	B-CELL MANIPULATOR C	20				20								
SM9013757	C-CELL SHIELDED DOOR	750					750							
SM400567G7	MANIPULATOR REPAIR	60				60								
SM500000M7	WASTE PACKAGING/DISP	5				5								
BC28198	RM11POG FILTER CHANG	10				10								
BC600035A	REMOVE AIRLOCK JUMPE	100				100								
SM400565D7	MANIPULATOR CHANGE	20				20								
BC600035B	REMOVE AIRLOCK JUMPE	100				100								
SM500000N7	WASTE PACKAGING/DISP	5				5								
BC40074	MANIPULATOR REPAIR	60				60								
SM500315E7	STATIC PRESSURE ALAR	10				10								
BC400593	B-CELL MANIPULATOR C	20				20								
SMF126	WASTE DISPOSAL	20						20						
BC600001	AIRLOCK CLEANOUT	175						175						
SM500000O7	WASTE PACKAGING/DISP	5						5						
SM400567H7	MANIPULATOR REPAIR	60						60						
SM500000B7	WASTE PACKAGING/DISP	200						200						
SM9013807	D-CELL SHIELDED DOOR	750						750						
SM500000P7	WASTE PACKAGING/DISP	5						5						
SM40056E7	MANIPULATOR CHANGE	20						20						
BC40075	MANIPULATOR REPAIR	60						60						
SM500315F7	STATIC PRESSURE ALAR	10						10						
SMF123	WASTE DISPOSAL	20						20						
BC400594	B-CELL MANIPULATOR C	20						20						
SM400415B7	D-CELL CRANE PREV. M	1500							1500					
SM500000Q7	WASTE PACKAGING/DISP	5							5					
SM9013857	SMF SHIELDED DOOR PR	10							10					
SM500000R7	WASTE PACKAGING/DISP	5							5					
SM400567I7	MANIPULATOR REPAIR	60							60					
BC40076	MANIPULATOR REPAIR	60							60					
SM500315G7	STATIC PRESSURE ALAR	10							10					
SMF130	WASTE DISPOSAL	20							20					
BC400595	B-CELL MANIPULATOR C	20							20					
SM500000S7	WASTE PACKAGING/DISP	5								5				

5

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

TOTAL USAGE FOR MONTH

[illegible]

BATTTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 533
10:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 13

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
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TECH - TECHNICIAN ()

PHL

SM5000007	WASTE PACKAGING/DISP	200												200
SM500315L7	STATIC PRESSURE ALAR	10												10
BC400600	B-CELL MANIPULATOR C	20												20
BC40081	MANIPULATOR REPAIR	60												60
SM400415M7	C-CELL CRANE PREV. M	1200												1200
SMF129	WASTE DISPOSAL	20												20
SM500001C7	WASTE PACKAGING/DISP	5												5
SM40056J7	MANIPULATOR CHANGE	20												20
SUBTOTAL PHL		10980	195	520	1050	220	1140	1345	1690	1290	1225	200	425	1680

TOTAL	TECH	11280	235	540	1070	240	1160	1365	1730	1310	1245	220	445	1720
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UNDRESSR - UNDRESSER ()

KEH -

BC60091A	CRANE MAINTENANCE	150			150									
BC60091B	CRANE MAINTENANCE	150			150									
BC60091C	CRANE MAINTENANCE	150			150									
BC80017A	CRANE MAINTENANCE	150											150	
BC80017B	CRANE MAINTENANCE	150											150	
SUBTOTAL KEH		750			450								300	

PHL

BC600090A	REMOVE JUMPERS & INS	40	40											
BC600090B	REMOVE JUMPERS & INS	40	40											
BC600090C	REMOVE JUMPERS & INS	40	40											
BC600090D	REMOVE JUMPERS & INS	40	40											
BC600090E	REMOVE JUMPERS & INS	40	40											
BC600090F	REMOVE JUMPERS & INS	40	40											
BC600090G	REMOVE JUMPERS & INS	40	40											
BC600090H	REMOVE JUMPERS & INS	40	40											
BC600090I	REMOVE JUMPERS & INS	40	40											
BC600090J	REMOVE JUMPERS & INS	40	40											
SM5000007	WASTE PACKAGING/DISP	100			100									
SM4000257	B-CELL SHIELDED DOOR	150			150									
SM9013757	C-CELL SHIELDED DOOR	150						150						
BC600035A	REMOVE AIRLOCK JUMPE	250						250						
BC600000A	LLW CAMPAIGN #8 - 15	50						50						

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 533
10:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 14

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
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UNDRESSR - UNDRESSR ()

PNL

BC60000B	LLW CAMPAIGN #8 - 2N	50					50							
BC60000C	LLW CAMPAIGN #8 - 3R	50					50							
BC600035B	REMOVE AIRLOCK JUMPE	250					250							
BC60000D	LLW CAMPAIGN #8 - 4T	50					50							
BC60000E	LLW CAMPAIGN #8 - 5T	50					50							
BC60000F	LLW CAMPAIGN #8 - 6T	50					50							
BC60000G	LLW CAMPAIGN #8 - 7T	50						50						
BC60000H	LLW CAMPAIGN #8 - 8T	50						50						
BC60000I	AIRLOCK CLEANOUT	25						25						
SM500000B7	WASTE PACKAGING/DISP	100						100						
SM9013807	D-CELL SHIELDED DOOR	150						150						
SM400415B7	D-CELL CRANE PREV. M	450						450						
SM400415C7	S-CELL PAR PREV. MA	60							60					
SM500000C7	WASTE PACKAGING/DISP	100								100				
SM400415M7	S-CELL CRANE PREV.	60								60				
BC80017C	AIRLOCK CLEANOUT	25										25		
SM500000D7	WASTE PACKAGING/DISP	100												100
SM400415M7	C-CELL CRANE PREV. M	240												240
SUBTOTAL PNL		3010	400		250		950	375	450	60	160		25	340

TOTAL	UNDRESSR	3760	400		700		950	375	450	60	160		325	340
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REPORT TOTAL		44301	8994	1705	5598	574	4815	3575	4570	4160	3525	561	2606	3618
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1997

Detailed Dose Estimates by Activity - PNL

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

TOTAL USAGE FOR MONTH

[illegible]

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
BC400590	- B-CELL MANIPULATOR CHANGE													
TOTAL	BC400590	34		34										
BC400591	- B-CELL MANIPULATOR CHANGE													
MLLWRGHT	MILLWRIGHT	10				10								
RPT	RADIATION PROTECTION	4				4								
TECH	TECHNICIAN	20				20								
TOTAL	BC400591	34				34								
BC400592	- B-CELL MANIPULATOR CHANGE													
MLLWRGHT	MILLWRIGHT	10				10								
RPT	RADIATION PROTECTION	4				4								
TECH	TECHNICIAN	20				20								
TOTAL	BC400592	34				34								
BC400593	- B-CELL MANIPULATOR CHANGE													
MLLWRGHT	MILLWRIGHT	10					10							
RPT	RADIATION PROTECTION	4					4							
TECH	TECHNICIAN	20					20							
TOTAL	BC400593	34					34							
BC400594	- B-CELL MANIPULATOR CHANGE													
MLLWRGHT	MILLWRIGHT	10						10						
RPT	RADIATION PROTECTION	4						4						
TECH	TECHNICIAN	20						20						
TOTAL	BC400594	34						34						
BC400595	- B-CELL MANIPULATOR CHANGE													
MLLWRGHT	MILLWRIGHT	10							10					
RPT	RADIATION PROTECTION	4							4					
TECH	TECHNICIAN	20							20					
TOTAL	BC400595	34							34					

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

TOTAL USAGE FOR MONTH

[illegible]

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 518
09:09

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 4

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
BC40070	- MANIPULATOR REPAIR													
TOTAL	BC40070	164	164											
BC40071	- MANIPULATOR REPAIR													
MLLWRGHT	MILLWRIGHT	100		100										
RPT	RADIATION PROTECTION	4		4										
TECH	TECHNICIAN	60		60										
TOTAL	BC40071	164		164										
BC40072	- MANIPULATOR REPAIR													
MLLWRGHT	MILLWRIGHT	100			100									
RPT	RADIATION PROTECTION	4			4									
TECH	TECHNICIAN	60			60									
TOTAL	BC40072	164			164									
BC40073	- MANIPULATOR REPAIR													
MLLWRGHT	MILLWRIGHT	100				100								
RPT	RADIATION PROTECTION	4				4								
TECH	TECHNICIAN	60				60								
TOTAL	BC40073	164				164								
BC40074	- MANIPULATOR REPAIR													
MLLWRGHT	MILLWRIGHT	100					100							
RPT	RADIATION PROTECTION	4					4							
TECH	TECHNICIAN	60					60							
TOTAL	BC40074	164					164							
BC40075	- MANIPULATOR REPAIR													
MLLWRGHT	MILLWRIGHT	100						100						
RPT	RADIATION PROTECTION	4						4						
TECH	TECHNICIAN	60						60						
TOTAL	BC40075	164						164						

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

[illegible]

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 518
09:09

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 6

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
BC40081	- MANIPULATOR REPAIR													
TOTAL	BC40081	164												164
BC60000A	- LLW CAMPAIGN #8 - 1ST SHIPMENT													
ASSIST	ASSIST PERSON	30					30							
ENTRY PE	ENTRY PERSON	100					100							
RPT	RADIATION PROTECTION	50					50							
UNDRESSR	UNDRESSER	50					50							
TOTAL	BC60000A	230					230							
BC60000B	- LLW CAMPAIGN #8 - 2ND SHIPMENT													
ASSIST	ASSIST PERSON	30					30							
ENTRY PE	ENTRY PERSON	100					100							
RPT	RADIATION PROTECTION	50					50							
UNDRESSR	UNDRESSER	50					50							
TOTAL	BC60000B	230					230							
BC60000C	- LLW CAMPAIGN #8 - 3RD SHIPMENT													
ASSIST	ASSIST PERSON	30					30							
ENTRY PE	ENTRY PERSON	100					100							
RPT	RADIATION PROTECTION	50					50							
UNDRESSR	UNDRESSER	50					50							
TOTAL	BC60000C	230					230							
BC60000D	- LLW CAMPAIGN #8 - 4TH SHIPMENT													
ASSIST	ASSIST PERSON	30					30							
ENTRY PE	ENTRY PERSON	100					100							
RPT	RADIATION PROTECTION	50					50							
UNDRESSR	UNDRESSER	50					50							
TOTAL	BC60000D	230					230							
BC60000E	- LLW CAMPAIGN #8 - 5TH SHIPMENT													
ASSIST	ASSIST PERSON	30					30							
ENTRY PE	ENTRY PERSON	100					100							
RPT	RADIATION PROTECTION	50					50							
UNDRESSR	UNDRESSER	50					50							

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 518
09:09

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 7

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
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BC60000E - LLW CAMPAIGN #8 - 5TH SHIPMENT

TOTAL	BC60000E	230					230							
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BC60000F - LLW CAMPAIGN #8 - 6TH SHIPMENT

ASSIST	ASSIST PERSON	30					30							
ENTRY PE	ENTRY PERSON	100					100							
RPT	RADIATION PROTECTION	50					50							
UNDRESSR	UNDRESSER	50					50							

TOTAL	BC60000F	230					230							
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BC60000G - LLW CAMPAIGN #8 - 7TH SHIPMENT

ASSIST	ASSIST PERSON	30					30							
ENTRY PE	ENTRY PERSON	100					100							
RPT	RADIATION PROTECTION	50					50							
UNDRESSR	UNDRESSER	50					50							

TOTAL	BC60000G	230					230							
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BC60000H - LLW CAMPAIGN #8 - 8TH SHIPMENT

ASSIST	ASSIST PERSON	30					30							
ENTRY PE	ENTRY PERSON	100					100							
RPT	RADIATION PROTECTION	50					50							
UNDRESSR	UNDRESSER	50					50							

TOTAL	BC60000H	230					230							
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BC60000I - AIRLOCK CLEANOUT

ASSIST	ASSIST PERSON	30					30							
RPT	RADIATION PROTECTION	75					75							
TECH	TECHNICIAN	175					175							
UNDRESSR	UNDRESSER	25					25							

TOTAL	BC60000I	305					305							
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BC600035A - REMOVE AIRLOCK JUMPERS

ASSIST	ASSIST PERSON	100					100							
RPT	RADIATION PROTECTION	50					50							
TECH	TECHNICIAN	100					100							
UNDRESSR	UNDRESSER	250					250							

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 8

TOTAL USAGE FOR MONTH

BC600035A - REMOVE AIRLOCK JUMPERS

BC600035B - REMOVE AIRLOCK JUMPERS

BC600090A - REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH

BC600090B - REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH

BC600090C - REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH

BC600090D - REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH

TOTAL	BC600090D	840	840
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BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 518
09:09

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 9

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
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BC600090E - REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH

MILLWRIGHT	MILLWRIGHT	700	700
RPT	RADIATION PROTECTION	100	100
UNDRESSR	UNDRESSER	40	40

TOTAL	BC600090E	840	840
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BC600090F - REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH

MILLWRIGHT	MILLWRIGHT	700	700
RPT	RADIATION PROTECTION	100	100
UNDRESSR	UNDRESSER	40	40

TOTAL	BC600090F	840	840
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BC600090G - REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH

MILLWRIGHT	MILLWRIGHT	700	700
RPT	RADIATION PROTECTION	100	100
UNDRESSR	UNDRESSER	40	40

TOTAL	BC600090G	840	840
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BC600090H - REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH

MILLWRIGHT	MILLWRIGHT	700	700
RPT	RADIATION PROTECTION	100	100
UNDRESSR	UNDRESSER	40	40

TOTAL	BC600090H	840	840
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BC600090I - REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH

MILLWRIGHT	MILLWRIGHT	700	700
RPT	RADIATION PROTECTION	100	100
UNDRESSR	UNDRESSER	40	40

TOTAL	BC600090I	840	840
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BC600090J - REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH

MILLWRIGHT	MILLWRIGHT	700	700
RPT	RADIATION PROTECTION	100	100
UNDRESSR	UNDRESSER	40	40

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 518
09:09

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 10

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
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BC600090J - REMOVE JUMPERS & INSTALL BLANKS IN PIPETRENCH

TOTAL	BC600090J	840	840											
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BC80017C - AIRLOCK CLEANOUT

ASSIST	ASSIST PERSON	30											30	
RPT	RADIATION PROTECTION	75											75	
TECH	TECHNICIAN	175											175	
UNDRESSR	UNDRESSER	25											25	

TOTAL	BC80017C	305											305	
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SM4000207 - PM ON BLDG HOT CELL EXHAUST

AIR-BAL	AIR-BALANCE	20		20										
RPT	RADIATION PROTECTION	5		5										
TECH	TECHNICIAN	10		10										

TOTAL	SM4000207	35		35										
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SM4000257 - B-CELL SHIELDED DOOR PREV. MAINT.

ASSIST	ASSIST PERSON	40			40									
ELECTRCN	ELECTRICIAN	400			400									
MILLWRIGHT	MILLWRIGHT	400			400									
RPT	RADIATION PROTECTION	75			75									
TECH	TECHNICIAN	750			750									
UNDRESSR	UNDRESSER	150			150									

TOTAL	SM4000257	1815			1815									
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SM400415B7 - D-CELL CRANE PREV. MAINT.

ASSIST	ASSIST PERSON	225							225					
ELECTRCN	ELECTRICIAN	400							400					
MILLWRIGHT	MILLWRIGHT	1200							1200					
RPT	RADIATION PROTECTION	200							200					
TECH	TECHNICIAN	1500							1500					
UNDRESSR	UNDRESSER	450							450					

TOTAL	SM400415B7	3975							3975					
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SM400415C7 - S-CELL PAR PREV. MAINT.

ASSIST	ASSIST PERSON	10							10					
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BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 518
09:09

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 11

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

[illegible]

SM400415C7 - S-CELL PAR PREV. MAINT.

ELCTRCH	ELECTRICIAN	400	400
MILLWRIGHT	MILLWRIGHT	1200	1200
RPT	RADIATION PROTECTION	50	50
TECH	TECHNICIAN	800	800
UNDRESSR	UNDRESSER	60	60

TOTAL	SM400415C7	2520	2520

SM400415D7 - E-CELL PAR PREV. MAINT.

ELCTRCH	ELECTRICIAN	40	40
MILLWRIGHT	MILLWRIGHT	80	80
RPT	RADIATION PROTECTION	5	5
TECH	TECHNICIAN	60	60
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TOTAL	SM40041507	185	185

SM400415E7 - E-CELL CRANE PREV. MAINT.

ELCTRCH	ELECTRICIAN	40	40
MILLWRIGHT	MILLWRIGHT	80	80
RPT	RADIATION PROTECTION	5	5
TECH	TECHNICIAN	60	60
TOTAL		185	185

SM400415F7 - SMF AL CRANE PREV. MAINT.

ELECTRCH	ELECTRICIAN	40	40
MILLWRIGHT	MILLWRIGHT	80	80
RPT	RADIATION PROTECTION	5	5
TECH	TECHNICIAN	60	60
		-----	-----
TOTAL	SH400415F7	185	185

SM400415M7 - C-CELL CRANE PREV. MAINT.

ASSIST	ASSIST PERSON	80	80
ELECTRCH	ELECTRICIAN	200	200
MILLWRIGHT	MILLWRIGHT	600	600
RPT	RADIATION PROTECTION	50	50
TECH	TECHNICIAN	1200	1200
UNDRESSR	UNDRESSER	240	240

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 12

TOTAL USAGE FOR MONTH

[illegible]

SM400415M7 - C-CELL CRANE PREV. MAINT.

TOTAL	SM400415M7	2370	2370
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SM400415N7 - S-CELL CRANE PREV. MAINT.

ASSIST	ASSIST PERSON	10	10
ELECTRCH	ELECTRICIAN	400	400
MILLWRIGHT	MILLWRIGHT	1200	1200
RPT	RADIATION PROTECTION	50	50
TECH	TECHNICIAN	800	800
UNDRESSR	UNDRESSER	60	60

TOTAL	SM400415N7	2520	2520
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SM4005657 - MANIPULATOR CHANGE

MILLWRIGHT	MILLWRIGHT	10	10
RPT	RADIATION PROTECTION	4	4
TECH	TECHNICIAN	20	20

TOTAL	SM4005657	34	34
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SM400565C7 - MANIPULATOR CHANGE

MLLWRGHT	MILLWRIGHT	10	10
RPT	RADIATION PROTECTION	4	4
TECH	TECHNICIAN	20	20

TOTAL	SM400565C7	34	34
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SM400565D7 - MANIPULATOR CHANGE

MLLWRGHT	MILLWRIGHT	10	10
RPT	RADIATION PROTECTION	4	4
TECH	TECHNICIAN	20	20

TOTAL	SM40056507	34	34
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SM400567D7 - MANIPULATOR REPAIR

MILLWRIGHT	MILLWRIGHT	100	100
RPT	RADIATION PROTECTION	4	4
TECH	TECHNICIAN	60	60

BATTTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 518
09:09

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 13

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
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SM400567D7 - MANIPULATOR REPAIR

TOTAL	SM400567D7	164	164											
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SM400567E7 - MANIPULATOR REPAIR

MILLWRGHT	MILLWRGHT	100	100											
RPT	RADIATION PROTECTION	4	4											
TECH	TECHNICIAN	60	60											

TOTAL	SM400567E7	164	164											
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SM400567F7 - MANIPULATOR REPAIR

MILLWRGHT	MILLWRGHT	100			100									
RPT	RADIATION PROTECTION	4			4									
TECH	TECHNICIAN	60			60									

TOTAL	SM400567F7	164			164									
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SM400567G7 - MANIPULATOR REPAIR

MILLWRGHT	MILLWRGHT	100				100								
RPT	RADIATION PROTECTION	4				4								
TECH	TECHNICIAN	60				60								

TOTAL	SM400567G7	164				164								
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SM400567H7 - MANIPULATOR REPAIR

MILLWRGHT	MILLWRGHT	100					100							
RPT	RADIATION PROTECTION	4					4							
TECH	TECHNICIAN	60					60							

TOTAL	SM400567H7	164					164							
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SM400567I7 - MANIPULATOR REPAIR

MILLWRGHT	MILLWRGHT	100						100						
RPT	RADIATION PROTECTION	4						4						
TECH	TECHNICIAN	60						60						

TOTAL	SM400567I7	164						164						
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BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 518
09:09

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 14

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
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SM400567J7 - MANIPULATOR REPAIR

MLLWRGHT	MILLWRIGHT	100								100				
RPT	RADIATION PROTECTION	4								4				
TECH	TECHNICIAN	60								60				
TOTAL	SM400567J7	164								164				

SM400567K7 - MANIPULATOR REPAIR

MLLWRGHT	MILLWRIGHT	100								100				
RPT	RADIATION PROTECTION	4								4				
TECH	TECHNICIAN	60								60				
TOTAL	SM400567K7	164								164				

SM400567L7 - MANIPULATOR REPAIR

MLLWRGHT	MILLWRIGHT	100											100	
RPT	RADIATION PROTECTION	4											4	
TECH	TECHNICIAN	60											60	
TOTAL	SM400567L7	164											164	

SM400567M7 - MANIPULATOR REPAIR

MLLWRGHT	MILLWRIGHT	100												100
RPT	RADIATION PROTECTION	4												4
TECH	TECHNICIAN	60												60
TOTAL	SM400567M7	164												164

SM4005687 - MANIPULATOR CHANGE

MLLWRGHT	MILLWRIGHT	10		10										
RPT	RADIATION PROTECTION	4		4										
TECH	TECHNICIAN	20		20										
TOTAL	SM4005687	34		34										

SM40056E7 - MANIPULATOR CHANGE

MLLWRGHT	MILLWRIGHT	10						10						
RPT	RADIATION PROTECTION	4						4						
TECH	TECHNICIAN	20						20						

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 15

TOTAL USAGE FOR MONTH

SM40056E7 - MANIPULATOR CHANGE

SM40056F7 - MANIPULATOR CHANGE

SM40056G7 - MANIPULATOR CHANGE

SM40056H7 - MANIPULATOR CHANGE

SM40056I7 - MANIPULATOR CHANGE

SM40056J7 - MANIPULATOR CHANGE

MILLWRIGHT	MILLWRIGHT	10	10
RPT	RADIATION PROTECTION	4	4
TECH	TECHNICIAN	20	20

TOTAL	SM40056J7	34	34

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 16

TOTAL USAGE FOR MONTH

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324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

TOTAL USAGE FOR MONTH

TOTAL	SH50000007	10	10
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BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 518
09:09

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 18

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
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SM500000P7 - WASTE PACKAGING/DISPOSAL -COMPACTOR

RPT	RADIATION PROTECTION	5						5						
TECH	TECHNICIAN	5						5						
TOTAL	SM500000P7	10						10						

SM500000Q7 - WASTE PACKAGING/DISPOSAL -COMPACTOR

RPT	RADIATION PROTECTION	5						5						
TECH	TECHNICIAN	5						5						
TOTAL	SM500000Q7	10						10						

SM500000R7 - WASTE PACKAGING/DISPOSAL -COMPACTOR

RPT	RADIATION PROTECTION	5						5						
TECH	TECHNICIAN	5						5						
TOTAL	SM500000R7	10						10						

SM500000S7 - WASTE PACKAGING/DISPOSAL -COMPACTOR

RPT	RADIATION PROTECTION	5							5					
TECH	TECHNICIAN	5							5					
TOTAL	SM500000S7	10							10					

SM500000T7 - WASTE PACKAGING/DISPOSAL -COMPACTOR

RPT	RADIATION PROTECTION	5							5					
TECH	TECHNICIAN	5							5					
TOTAL	SM500000T7	10							10					

SM500000U7 - WASTE PACKAGING/DISPOSAL -COMPACTOR

RPT	RADIATION PROTECTION	5								5				
TECH	TECHNICIAN	5								5				
TOTAL	SM500000U7	10								10				

SM500000V7 - WASTE PACKAGING/DISPOSAL -COMPACTOR

RPT	RADIATION PROTECTION	5								5				
TECH	TECHNICIAN	5								5				

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 19

TOTAL USAGE FOR MONTH

[illegible]

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 20

TOTAL USAGE FOR MONTH

[illegible]

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 518
09:09

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 21

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
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SM500315D7 - STATIC PRESSURE ALARM TEST

AIR-BAL	AIR-BALANCE	10				10								
RPT	RADIATION PROTECTION	10				10								
TECH	TECHNICIAN	10				10								

TOTAL	SM500315D7	30				30								
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SM500315E7 - STATIC PRESSURE ALARM TEST

AIR-BAL	AIR-BALANCE	10				10								
RPT	RADIATION PROTECTION	10				10								
TECH	TECHNICIAN	10				10								

TOTAL	SM500315E7	30				30								
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SM500315F7 - STATIC PRESSURE ALARM TEST

AIR-BAL	AIR-BALANCE	10						10						
RPT	RADIATION PROTECTION	10						10						
TECH	TECHNICIAN	10						10						

TOTAL	SM500315F7	30						30						
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SM500315G7 - STATIC PRESSURE ALARM TEST

AIR-BAL	AIR-BALANCE	10						10						
RPT	RADIATION PROTECTION	10						10						
TECH	TECHNICIAN	10						10						

TOTAL	SM500315G7	30						30						
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SM500315H7 - STATIC PRESSURE ALARM TEST

AIR-BAL	AIR-BALANCE	10							10					
RPT	RADIATION PROTECTION	10							10					
TECH	TECHNICIAN	10							10					

TOTAL	SM500315H7	30							30					
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SM500315I7 - STATIC PRESSURE ALARM TEST

AIR-BAL	AIR-BALANCE	10								10				
RPT	RADIATION PROTECTION	10								10				
TECH	TECHNICIAN	10								10				

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 518
09:09

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 22

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
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SM500315I7 - STATIC PRESSURE ALARM TEST

TOTAL	SM500315I7	30										30		
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SM500315J7 - STATIC PRESSURE ALARM TEST

AIR-BAL	AIR-BALANCE	10										10		
RPT	RADIATION PROTECTION	10										10		
TECH	TECHNICIAN	10										10		

TOTAL	SM500315J7	30										30		
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SM500315K7 - STATIC PRESSURE ALARM TEST

AIR-BAL	AIR-BALANCE	10											10	
RPT	RADIATION PROTECTION	10											10	
TECH	TECHNICIAN	10											10	

TOTAL	SM500315K7	30											30	
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SM500315L7 - STATIC PRESSURE ALARM TEST

AIR-BAL	AIR-BALANCE	10												10
RPT	RADIATION PROTECTION	10												10
TECH	TECHNICIAN	10												10

TOTAL	SM500315L7	30												30
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SM9013757 - C-CELL SHIELDED DOOR PREV. MAINT.

ASSIST	ASSIST PERSON	40					40							
ELCTRCN	ELECTRICIAN	400					400							
MILLWRIGHT	MILLWRIGHT	400					400							
RPT	RADIATION PROTECTION	75					75							
TECH	TECHNICIAN	750					750							
UNDRESSR	UNDRESSER	150					150							

TOTAL	SM9013757	1815					1815							
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SM9013807 - D-CELL SHIELDED DOOR PREV. MAINT.

ASSIST	ASSIST PERSON	40					40							
ELCTRCN	ELECTRICIAN	400					400							
MILLWRIGHT	MILLWRIGHT	400					400							
RPT	RADIATION PROTECTION	75					75							
TECH	TECHNICIAN	750					750							

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

TOTAL USAGE FOR MONTH

RPT	RADIATION PROTECTION	10	10
TECH	TECHNICIAN	20	20

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 518
09:09

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 24

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
SMF121	- WASTE DISPOSAL													
TOTAL	SMF121	30		30										
SMF122	- WASTE DISPOSAL													
RPT	RADIATION PROTECTION	10			10									
TECH	TECHNICIAN	20			20									
TOTAL	SMF122	30			30									
SMF123	- WASTE DISPOSAL													
RPT	RADIATION PROTECTION	10						10						
TECH	TECHNICIAN	20						20						
TOTAL	SMF123	30						30						
SMF124	- WASTE DISPOSAL													
RPT	RADIATION PROTECTION	10				10								
TECH	TECHNICIAN	20				20								
TOTAL	SMF124	30				30								
SMF125	- WASTE DISPOSAL													
RPT	RADIATION PROTECTION	10								10				
TECH	TECHNICIAN	20								20				
TOTAL	SMF125	30								30				
SMF126	- WASTE DISPOSAL													
RPT	RADIATION PROTECTION	10						10						
TECH	TECHNICIAN	20						20						
TOTAL	SMF126	30						30						
SMF127	- WASTE DISPOSAL													
RPT	RADIATION PROTECTION	10									10			
TECH	TECHNICIAN	20									20			
TOTAL	SMF127	30									30			

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 518
09:09

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

DATA DATE 29JAN95 PAGE NO. 25

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997

SMF128	- WASTE DISPOSAL													
RPT	RADIATION PROTECTION	10											10	
TECH	TECHNICIAN	20											20	

TOTAL	SMF128	30											30	

SMF129	- WASTE DISPOSAL													
RPT	RADIATION PROTECTION	10												10
TECH	TECHNICIAN	20												20

TOTAL	SMF129	30												30

SMF130	- WASTE DISPOSAL													
RPT	RADIATION PROTECTION	10							10					
TECH	TECHNICIAN	20							20					

TOTAL	SMF130	30							30					

SMF132	- WASTE DISPOSAL													
RPT	RADIATION PROTECTION	10									10			
TECH	TECHNICIAN	20									20			

TOTAL	SMF132	30									30			

REPORT TOTAL		38791	8866	1641	2484	510	4751	3511	4442	4096	3461	497	1042	3490

1997

Detailed Dose Estimates by Resource - PNL

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

TOTAL USAGE FOR MONTH

ASSIST - ASSIST PERSON (MR)

Item	QTY	UNIT	PRICE	TOTAL
SM9016957 HEPA (A-FRAME)	20			20
SM5000007 WASTE PACKAGING/DISP	50			50
SM4000257 B-CELL SHIELDED DOOR	40			40
SM9013757 C-CELL SHIELDED DOOR	40			40
BC600035A REMOVE AIRLOCK JUMPE	100			100
BC600000A LLW CAMPAIGN #8 - 1S	30			30
BC600000B LLW CAMPAIGN #8 - 2H	30			30
BC600000C LLW CAMPAIGN #8 - 3R	30			30
BC600035B REMOVE AIRLOCK JUMPE	100			100
BC600000D LLW CAMPAIGN #8 - 4T	30			30
BC600000E LLW CAMPAIGN #8 - 5T	30			30
BC600000F LLW CAMPAIGN #8 - 6T	30			30
BC600000G LLW CAMPAIGN #8 - 7T	30			30
BC600000H LLW CAMPAIGN #8 - 8T	30			30
BC600000I AIRLOCK CLEANOUT	30			30
SM500000B7 WASTE PACKAGING/DISP	50			50
SM9013807 D-CELL SHIELDED DOOR	40			40
SM400415B7 D-CELL CRANE PREV. H	225			225
SM400415C7 S-CELL PAR PREV. MA	10			10
SM901685B7 HEPA (A-FRAME)	20			20
SM500000C7 WASTE PACKAGING/DISP	50			50
SM400415H7 S-CELL CRANE PREV.	10			10
BC80017C AIRLOCK CLEANOUT	30			30
SM500000D7 WASTE PACKAGING/DISP	50			50
SM400415H7 C-CELL CRANE PREV. H	80			80

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

ASSIST - ASSIST PERSON (MR)

ELECTRON - ELECTRICIAN ()

TOTAL	ELCTRCN	2725	400	400	400	405	400	400	40	40	240
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ENTRY PE - ENTRY PERSON ()

BC60000A	LLW CAMPAIGN #8 - 1S	100	100
BC60000B	LLW CAMPAIGN #8 - 2N	100	100
BC60000C	LLW CAMPAIGN #8 - 3R	100	100
BC60000D	LLW CAMPAIGN #8 - 4T	100	100
BC60000E	LLW CAMPAIGN #8 - 5T	100	100
BC60000F	LLW CAMPAIGN #8 - 6T	100	100
BC60000G	LLW CAMPAIGN #8 - 7T	100	100
BC60000H	LLW CAMPAIGN #8 - 8T	100	100

TOTAL	ENTRY PE	800	600	200
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MILLWRIGHT - MILLWRIGHT ()

BC600090A	REMOVE JUMPERS & INS	700	700
BC600090B	REMOVE JUMPERS & INS	700	700
BC600090C	REMOVE JUMPERS & INS	700	700
BC600090D	REMOVE JUMPERS & INS	700	700
BC600090E	REMOVE JUMPERS & INS	700	700
BC600090F	REMOVE JUMPERS & INS	700	700
BC600090G	REMOVE JUMPERS & INS	700	700
BC600090H	REMOVE JUMPERS & INS	700	700
BC600090I	REMOVE JUMPERS & INS	700	700
BC600090J	REMOVE JUMPERS & INS	700	700
BC400589	B-CELL MANIPULATOR C	10	10

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 488
06:24

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
MLLWRIGHT - MILLWRIGHT ()														
BC40070	MANIPULATOR REPAIR	100	100											
SM4005657	MANIPULATOR CHANGE	10	10											
SM400567D7	MANIPULATOR REPAIR	100	100											
BC28197	RH11POG FILTER CHANG	80		80										
SM9016957	HEPA (A-FRAME)	400		400										
BC400590	B-CELL MANIPULATOR C	10		10										
BC40071	MANIPULATOR REPAIR	100		100										
SM400567E7	MANIPULATOR REPAIR	100		100										
SM4005687	MANIPULATOR CHANGE	10		10										
SM4000257	B-CELL SHIELDED DOOR	400			400									
BC40072	MANIPULATOR REPAIR	100			100									
BC400591	B-CELL MANIPULATOR C	10				10								
SM400565C7	MANIPULATOR CHANGE	10				10								
SM400567F7	MANIPULATOR REPAIR	100				100								
BC40073	MANIPULATOR REPAIR	100				100								
BC400592	B-CELL MANIPULATOR C	10				10								
SM9013757	C-CELL SHIELDED DOOR	400					400							
SM400567G7	MANIPULATOR REPAIR	100					100							
BC28198	RH11POG FILTER CHANG	80					80							
SM400565D7	MANIPULATOR CHANGE	10					10							
BC40074	MANIPULATOR REPAIR	100					100							
BC400593	B-CELL MANIPULATOR C	10					10							
SM400567H7	MANIPULATOR REPAIR	100						100						
SM9013807	D-CELL SHIELDED DOOR	400						400						
SM40056E7	MANIPULATOR CHANGE	10						10						
BC40075	MANIPULATOR REPAIR	100						100						
BC400594	B-CELL MANIPULATOR C	10						10						
SM400415B7	D-CELL CRANE PREV. M	1200							1200					
SM9013857	SMF SHIELDED DOOR PR	10							10					
SM400567I7	MANIPULATOR REPAIR	100							100					
BC40076	MANIPULATOR REPAIR	100							100					
BC400595	B-CELL MANIPULATOR C	10							10					
SM40056F7	MANIPULATOR CHANGE	10								10				
BC28199	RH11POG FILTER CHANG	80								80				
SM400415C7	S-CELL PAR PREV. MA	1200								1200				
SM901685B7	HEPA (A-FRAME)	400								400				
SM400567J7	MANIPULATOR REPAIR	100								100				
BC40077	MANIPULATOR REPAIR	100								100				
BC400596	B-CELL MANIPULATOR C	10								10				
SM40056G7	MANIPULATOR CHANGE	10									10			
SM400415H7	S-CELL CRANE PREV.	1200									1200			
BC40078	MANIPULATOR REPAIR	100									100			
SM400567K7	MANIPULATOR REPAIR	100									100			
BC400597	B-CELL MANIPULATOR C	10									10			
SM400415D7	E-CELL PAR PREV. MA	80										80		

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 4

TOTAL USAGE FOR MONTH

RPT - RADIATION PROTECTION TECHNICIAN ()

BC600090A	REMOVE JUMPERS & INS	100	100
BC600090B	REMOVE JUMPERS & INS	100	100
BC600090C	REMOVE JUMPERS & INS	100	100
BC600090D	REMOVE JUMPERS & INS	100	100
BC600090E	REMOVE JUMPERS & INS	100	100
BC600090F	REMOVE JUMPERS & INS	100	100
BC600090G	REMOVE JUMPERS & INS	100	100
BC600090H	REMOVE JUMPERS & INS	100	100
BC600090I	REMOVE JUMPERS & INS	100	100
BC600090J	REMOVE JUMPERS & INS	100	100
BC400589	B-CELL MANIPULATOR C	4	4
BC40070	MANIPULATOR REPAIR	4	4
SM4005657	MANIPULATOR CHANGE	4	4
SM400567D7	MANIPULATOR REPAIR	4	4
SM500000E7	WASTE PACKAGING/DISP	5	5
SM5003157	STATIC PRESSURE ALAR	10	10
SMSF120	WASTE DISPOSAL	10	10
SM4000207	PM ON BLDG HOT CELL	5	
BC28197	RHIIPOG FILTER CHANG	20	
SM500000G7	WASTE PACKAGING/DISP	5	
SM9016957	HEPA (A-FRAME)	100	
BC400590	B-CELL MANIPULATOR C	4	
BC40071	MANIPULATOR REPAIR	4	
SM400567E7	MANIPULATOR REPAIR	4	
SM4005687	MANIPULATOR CHANGE	4	

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 488
06:24

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

DATA DATE 29JAN95 PAGE NO. 5

ACT ID	DESC	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
RPT	- RADIATION PROTECTION TECHNICIAN ()													
SMF121	WASTE DISPOSAL	10		10										
SM50000H7	WASTE PACKAGING/DISP	5		5										
SM500315B7	STATIC PRESSURE ALAR	10		10										
SM50000I7	WASTE PACKAGING/DISP	5			5									
SMF122	WASTE DISPOSAL	10			10									
SM50000O7	WASTE PACKAGING/DISP	75			75									
SM4000257	B-CELL SHIELDED DOOR	75			75									
BC40072	MANIPULATOR REPAIR	4			4									
SM50000OJ7	WASTE PACKAGING/DISP	5			5									
SM500315C7	STATIC PRESSURE ALAR	10			10									
BC400591	B-CELL MANIPULATOR C	4				4								
SM400565C7	MANIPULATOR CHANGE	4				4								
SM400567F7	MANIPULATOR REPAIR	4				4								
SM50000OJ7	WASTE PACKAGING/DISP	5				5								
SMF124	WASTE DISPOSAL	10				10								
BC40073	MANIPULATOR REPAIR	4				4								
SM50000OJ7	WASTE PACKAGING/DISP	5				5								
SM500315D7	STATIC PRESSURE ALAR	10				10								
BC400592	B-CELL MANIPULATOR C	4				4								
SM9013757	C-CELL SHIELDED DOOR	75					75							
SM400567G7	MANIPULATOR REPAIR	4					4							
SM50000OJ7	WASTE PACKAGING/DISP	5					5							
BC28198	RM11POG FILTER CHANG	20					20							
BC600035A	REMOVE AIRLOCK JUMPE	50					50							
SM400565D7	MANIPULATOR CHANGE	4					4							
BC60000A	LLW CAMPAIGN #8 - 1S	50					50							
BC60000B	LLW CAMPAIGN #8 - 2N	50					50							
BC60000C	LLW CAMPAIGN #8 - 3R	50					50							
BC600035B	REMOVE AIRLOCK JUMPE	50					50							
SM50000OJ7	WASTE PACKAGING/DISP	5					5							
BC40074	MANIPULATOR REPAIR	4					4							
BC60000D	LLW CAMPAIGN #8 - 4T	50					50							
SM500315E7	STATIC PRESSURE ALAR	10					10							
BC60000E	LLW CAMPAIGN #8 - 5T	50					50							
BC400593	B-CELL MANIPULATOR C	4					4							
BC60000F	LLW CAMPAIGN #8 - 6T	50					50							
BC60000G	LLW CAMPAIGN #8 - 7T	50						50						
BC60000H	LLW CAMPAIGN #8 - 8T	50						50						
SMF126	WASTE DISPOSAL	10						10						
BC60000I	AIRLOCK CLEANOUT	75						75						
SM50000OJ7	WASTE PACKAGING/DISP	5						5						
SM400567H7	MANIPULATOR REPAIR	4						4						
SM50000OJ7	WASTE PACKAGING/DISP	75						75						
SM9013807	D-CELL SHIELDED DOOR	75						75						
SM50000OJ7	WASTE PACKAGING/DISP	5						5						

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
RPT	- RADIATION PROTECTION TECHNICIAN ()													
SM40056E7	MANIPULATOR CHANGE	4						4						
BC40075	MANIPULATOR REPAIR	4						4						
SM500315F7	STATIC PRESSURE ALAR	10						10						
SMF123	WASTE DISPOSAL	10						10						
BC400594	B-CELL MANIPULATOR C	4						4						
SM400415B7	D-CELL CRANE PREV. M	200							200					
SM500000Q7	WASTE PACKAGING/DISP	5							5					
SM500000R7	WASTE PACKAGING/DISP	5							5					
SM400567I7	MANIPULATOR REPAIR	4							4					
BC40076	MANIPULATOR REPAIR	4							4					
SM500315G7	STATIC PRESSURE ALAR	10							10					
SMF130	WASTE DISPOSAL	10							10					
BC400595	B-CELL MANIPULATOR C	4							4					
SM500000S7	WASTE PACKAGING/DISP	5								5				
SM40056F7	MANIPULATOR CHANGE	4								4				
BC28199	RM11POG FILTER CHANG	20								20				
SM400415C7	S-CELL PAR PREV. MA	50								50				
SM901685B7	HEPA (A-FRAME)	100								100				
SM500000T7	WASTE PACKAGING/DISP	5								5				
SM400567J7	MANIPULATOR REPAIR	4								4				
BC40077	MANIPULATOR REPAIR	4								4				
SM500315H7	STATIC PRESSURE ALAR	10								10				
BC400596	B-CELL MANIPULATOR C	4								4				
SM500000U7	WASTE PACKAGING/DISP	5									5			
SMF125	WASTE DISPOSAL	10									10			
SM40056G7	MANIPULATOR CHANGE	4									4			
SM500000C7	WASTE PACKAGING/DISP	75									75			
SM400415H7	S-CELL CRANE PREV.	50									50			
SM500000V7	WASTE PACKAGING/DISP	5									5			
BC40078	MANIPULATOR REPAIR	4									4			
SM500315I7	STATIC PRESSURE ALAR	10									10			
SMF132	WASTE DISPOSAL	10									10			
SM400567K7	MANIPULATOR REPAIR	4									4			
BC400597	B-CELL MANIPULATOR C	4									4			
SM500000W7	WASTE PACKAGING/DISP	5									5			
SM500000X7	WASTE PACKAGING/DISP	5										5		
SMF127	WASTE DISPOSAL	10										10		
SM400415D7	E-CELL PAR PREV. MA	5										5		
BC40079	MANIPULATOR REPAIR	4										4		
SM500315J7	STATIC PRESSURE ALAR	10										10		
SM40056H7	MANIPULATOR CHANGE	4										4		
SM500000Y7	WASTE PACKAGING/DISP	5										5		
BC400598	B-CELL MANIPULATOR C	4										4		
SM400567L7	MANIPULATOR REPAIR	4											4	
BC28200	RM11POG FILTER CHANG	20												20

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

TOTAL USAGE FOR MONTH

TECH - TECHNICIAN ()

BC400589	B-CELL MANIPULATOR C	20	20	
BC40070	MANIPULATOR REPAIR	60	60	
SM4005657	MANIPULATOR CHANGE	20	20	
SM40056707	MANIPULATOR REPAIR	60	60	
SM500000E7	WASTE PACKAGING/DISP	5	5	
SM5003157	STATIC PRESSURE ALAR	10	10	
SMF120	WASTE DISPOSAL	20	20	
SM4000207	PH ON BLDG HOT CELL	10		10
BC28197	RM13POG FILTER CHANG	10		10
SM500000G7	WASTE PACKAGING/DISP	5	5	
SM9016957	HEPA (A-FRAME)	300		300
BC400590	B-CELL MANIPULATOR C	20	20	
BC40071	MANIPULATOR REPAIR	60	60	
SM400567E7	MANIPULATOR REPAIR	60	60	
SM4005687	MANIPULATOR CHANGE	20	20	
SMF121	WASTE DISPOSAL	20	20	
SM500000H7	WASTE PACKAGING/DISP	5	5	
SM500315B7	STATIC PRESSURE ALAR	10	10	
SM5000017	WASTE PACKAGING/DISP	5		5
SMF122	WASTE DISPOSAL	20		20

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 488
06:24

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 8

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
TECH - TECHNICIAN ()														
SM5000007	WASTE PACKAGING/DISP	200			200									
SM4000257	B-CELL SHIELDED DOOR	750			750									
BC400072	MANIPULATOR REPAIR	60			60									
SM500000J7	WASTE PACKAGING/DISP	5			5									
SM500315C7	STATIC PRESSURE ALAR	10			10									
BC400591	B-CELL MANIPULATOR C	20				20								
SM400565C7	MANIPULATOR CHANGE	20				20								
SM400567F7	MANIPULATOR REPAIR	60				60								
SM500000K7	WASTE PACKAGING/DISP	5				5								
SMF124	WASTE DISPOSAL	20				20								
BC400073	MANIPULATOR REPAIR	60				60								
SM500000L7	WASTE PACKAGING/DISP	5				5								
SM500315D7	STATIC PRESSURE ALAR	10				10								
BC400592	B-CELL MANIPULATOR C	20				20								
SM9013757	C-CELL SHIELDED DOOR	750					750							
SM400567G7	MANIPULATOR REPAIR	60					60							
SM500000M7	WASTE PACKAGING/DISP	5					5							
BC28198	RM11P06 FILTER CHANG	10					10							
BC600035A	REMOVE AIRLOCK JUMPE	100					100							
SM400565D7	MANIPULATOR CHANGE	20					20							
BC600035B	REMOVE AIRLOCK JUMPE	100					100							
SM500000N7	WASTE PACKAGING/DISP	5					5							
BC400074	MANIPULATOR REPAIR	60					60							
SM500315E7	STATIC PRESSURE ALAR	10					10							
BC400593	B-CELL MANIPULATOR C	20					20							
SMF126	WASTE DISPOSAL	20						20						
BC600001	AIRLOCK CLEANOUT	175						175						
SM50000007	WASTE PACKAGING/DISP	5						5						
SM400567H7	MANIPULATOR REPAIR	60						60						
SM500000087	WASTE PACKAGING/DISP	200						200						
SM9013807	D-CELL SHIELDED DOOR	750						750						
SM5000000P7	WASTE PACKAGING/DISP	5						5						
SM40056E7	MANIPULATOR CHANGE	20						20						
BC400075	MANIPULATOR REPAIR	60						60						
SM500315F7	STATIC PRESSURE ALAR	10						10						
SMF123	WASTE DISPOSAL	20						20						
BC400594	B-CELL MANIPULATOR C	20						20						
SM400415B7	D-CELL CRANE PREV. M	1500							1500					
SM50000007	WASTE PACKAGING/DISP	5							5					
SM9013857	SMF SHIELDED DOOR PR	10							10					
SM5000000R7	WASTE PACKAGING/DISP	5							5					
SM400567I7	MANIPULATOR REPAIR	60							60					
BC400076	MANIPULATOR REPAIR	60							60					
SM500315G7	STATIC PRESSURE ALAR	10							10					
SMF130	WASTE DISPOSAL	20							20					

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 488
06:24

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 9

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

[illegible]

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 10

TOTAL USAGE FOR MONTH

UNDRESSA - UNDRESSER ()

BC600090A	REMOVE JUMPERS & INS	40	40		
BC600090B	REMOVE JUMPERS & INS	40	40		
BC600090C	REMOVE JUMPERS & INS	40	40		
BC600090D	REMOVE JUMPERS & INS	40	40		
BC600090E	REMOVE JUMPERS & INS	40	40		
BC600090F	REMOVE JUMPERS & INS	40	40		
BC600090G	REMOVE JUMPERS & INS	40	40		
BC600090H	REMOVE JUMPERS & INS	40	40		
BC600090I	REMOVE JUMPERS & INS	40	40		
BC600090J	REMOVE JUMPERS & INS	40	40		
SM5000007	WASTE PACKAGING/DISP	100		100	
SM4000257	B-CELL SHIELDED DOOR	150		150	
SM9013757	C-CELL SHIELDED DOOR	150			150
BC600035A	REMOVE AIRLOCK JUMPE	250			250
BC600000A	LLW CAMPAIGN #8 - 1S	50			50
BC600000B	LLW CAMPAIGN #8 - 2N	50			50
BC600000C	LLW CAMPAIGN #8 - 3R	50			50
BC600035B	REMOVE AIRLOCK JUMPE	250			250
BC600000D	LLW CAMPAIGN #8 - 4T	50			50
BC600000E	LLW CAMPAIGN #8 - 5T	50			50
BC600000F	LLW CAMPAIGN #8 - 6T	50			50
BC600000G	LLW CAMPAIGN #8 - 7T	50			50
BC600000H	LLW CAMPAIGN #8 - 8T	50			50
BC600000I	AIRLOCK CLEANOUT	25			25
SM500000B7	WASTE PACKAGING/DISP	100			100
SM9013807	D-CELL SHIELDED DOOR	150			150
SM400415B7	D-CELL CRANE PREV. M	450			450
SM400415C7	S-CELL PAR PREV. MA	60			60
SM500000C7	WASTE PACKAGING/DISP	100			100
SM400415N7	S-CELL CRANE PREV.	60			60
BC80017C	AIRLOCK CLEANOUT	25			25
SM500000D7	WASTE PACKAGING/DISP	100			100

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 488
06:24

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 11

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
UNDRESSR - UNDRESSER ()														
SM400415M7	C-CELL CRANE PREV. M	240												240
TOTAL	UNDRESSR	3010	400		250		950	375	450	60	160		25	340
REPORT TOTAL		38791	8866	1641	2484	510	4751	3511	4442	4096	3461	497	1042	3490

1997

Detailed Dose Estimates by Activity - KEH

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 494
06:35

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
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BC132A96M - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40	40											
RPT	RADIATION PROTECTION	4	4											
TECH	TECHNICIAN	20	20											

TOTAL	BC132A96M	64	64											
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BC132A96N - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40		40										
RPT	RADIATION PROTECTION	4		4										
TECH	TECHNICIAN	20		20										

TOTAL	BC132A96N	64		64										
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BC132A96O - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40			40									
RPT	RADIATION PROTECTION	4			4									
TECH	TECHNICIAN	20			20									

TOTAL	BC132A96O	64			64									
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BC132A96P - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40				40								
RPT	RADIATION PROTECTION	4				4								
TECH	TECHNICIAN	20				20								

TOTAL	BC132A96P	64				64								
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BC132A96Q - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40					40							
RPT	RADIATION PROTECTION	4					4							
TECH	TECHNICIAN	20					20							

TOTAL	BC132A96Q	64					64							
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BC132A96R - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40						40						
RPT	RADIATION PROTECTION	4						4						
TECH	TECHNICIAN	20						20						

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 494
06:35

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

DATA DATE 29JAN95 PAGE NO. 2

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
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BC132A96R - CAMERA & EQUIP MAINT.

TOTAL	BC132A96R	64						64						
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BC132A96S - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40						40						
RPT	RADIATION PROTECTION	4						4						
TECH	TECHNICIAN	20						20						
TOTAL	BC132A96S	64						64						

BC132A96T - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40						40						
RPT	RADIATION PROTECTION	4						4						
TECH	TECHNICIAN	20						20						
TOTAL	BC132A96T	64						64						

BC132A96U - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40								40				
RPT	RADIATION PROTECTION	4								4				
TECH	TECHNICIAN	20								20				
TOTAL	BC132A96U	64								64				

BC132A96V - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40									40			
RPT	RADIATION PROTECTION	4									4			
TECH	TECHNICIAN	20									20			
TOTAL	BC132A96V	64									64			

BC132A96W - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40										40		
RPT	RADIATION PROTECTION	4										4		
TECH	TECHNICIAN	20										20		
TOTAL	BC132A96W	64										64		

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

TOTAL USAGE FOR MONTH

[illegible]

BATTTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 494
06:35

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 4

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
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BC80017B - CRANE MAINTENANCE

TOTAL	BC80017B	750												750
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SM400566R7 - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40	40											
RPT	RADIATION PROTECTION	4	4											
TECH	TECHNICIAN	20	20											

TOTAL	SM400566R7	64	64											
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SM400566S7 - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40						40						
RPT	RADIATION PROTECTION	4						4						
TECH	TECHNICIAN	20						20						

TOTAL	SM400566S7	64						64						
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SM400566T7 - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40												40
RPT	RADIATION PROTECTION	4												4
TECH	TECHNICIAN	20												20

TOTAL	SM400566T7	64												64
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REPORT TOTAL		5510	128	64	3114	64	64	64	128	64	64	64	1564	128
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1997

Detailed Dose Estimates by Resource - KEH

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

TOTAL USAGE FOR MONTH

BC132A96M	CAMERA & EQUIP MAINT	4	4	
SM400566R7	CAMERA & EQUIP MAINT	4	4	
BC132A96M	CAMERA & EQUIP MAINT	4		4
BC60091C	CRANE MAINTENANCE	300		300
BC132A960	CAMERA & EQUIP MAINT	4		4

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 510
08:35

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
RPT	- RADIATION PROTECTION TECHNICIAN ()													
BC132A96P	CAMERA & EQUIP MAINT	4				4								
BC132A96Q	CAMERA & EQUIP MAINT	4					4							
BC132A96R	CAMERA & EQUIP MAINT	4						4						
SM400566S7	CAMERA & EQUIP MAINT	4							4					
BC132A96S	CAMERA & EQUIP MAINT	4							4					
BC132A96T	CAMERA & EQUIP MAINT	4								4				
BC132A96U	CAMERA & EQUIP MAINT	4									4			
BC132A96V	CAMERA & EQUIP MAINT	4										4		
BC132A96W	CAMERA & EQUIP MAINT	4											4	
BC132A96X	CAMERA & EQUIP MAINT	4												4
SM400566T7	CAMERA & EQUIP MAINT	4												4
TOTAL	RPT	360	8	4	304	4	4	4	8	4	4	4	4	8

TECH - TECHNICIAN ()

BC132A96M	CAMERA & EQUIP MAINT	20	20											
SM400566R7	CAMERA & EQUIP MAINT	20	20											
BC132A96M	CAMERA & EQUIP MAINT	20		20										
BC132A96O	CAMERA & EQUIP MAINT	20			20									
BC132A96P	CAMERA & EQUIP MAINT	20				20								
BC132A96Q	CAMERA & EQUIP MAINT	20					20							
BC132A96R	CAMERA & EQUIP MAINT	20						20						
SM400566S7	CAMERA & EQUIP MAINT	20							20					
BC132A96S	CAMERA & EQUIP MAINT	20							20					
BC132A96T	CAMERA & EQUIP MAINT	20								20				
BC132A96U	CAMERA & EQUIP MAINT	20									20			
BC132A96V	CAMERA & EQUIP MAINT	20										20		
BC132A96W	CAMERA & EQUIP MAINT	20											20	
BC132A96X	CAMERA & EQUIP MAINT	20												20
SM400566T7	CAMERA & EQUIP MAINT	20												20
TOTAL	TECH	300	40	20	20	20	20	20	40	20	20	20	20	40

UNDRESSR - UNDRRESSER ()

BC60091A	CRANE MAINTENANCE	150			150									
BC60091B	CRANE MAINTENANCE	150			150									
BC60091C	CRANE MAINTENANCE	150			150									
BC80017A	CRANE MAINTENANCE	150										150		
BC80017B	CRANE MAINTENANCE	150										150		
TOTAL	UNDRESSR	750			450							300		

BATTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 510
08:35

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1997	FEB 1997	MAR 1997	APR 1997	MAY 1997	JUN 1997	JUL 1997	AUG 1997	SEP 1997	OCT 1997	NOV 1997	DEC 1997
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UNDRESSR - UNDRESSR ()

REPORT TOTAL	5510	128	64	3114	64	64	64	128	64	64	64	1564	128
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Appendix F

1998 Summary Dose by Project/Area

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 539
11:15

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO 1

DETAIL BY PROJECT/AREA

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
B-CELL -														
BC60066A	FILTER MEDIA LOADOUT	215	215											
BC60066B	FILTER MEDIA LOADOUT	215	215											
BC60066C	FILTER MEDIA LOADOUT	215	215											
BC70000A	LLW CAMPAIGN #9 1ST	230	230											
BC70000B	LLW CAMPAIGN #9 2ND	230	230											
BC70000C	LLW CAMPAIGN #9 3RD	230	230											
BC70000D	LLW CAMPAIGN #9 4TH	230	230											
BC70000I	AIRLOCK CLEANOUT	305	305											
BC70000E	LLW CAMPAIGN #9 5TH	230	230											
BC70000F	LLW CAMPAIGN #9 6TH	230	230											
BC70000G	LLW CAMPAIGN #9 7TH	230	230											
BC70000H	LLW CAMPAIGN #9 8TH	230	230											
BC70000J	AIRLOCK CLEANOUT	305	305											
BC132A96Y	CAMERA & EQUIP MAINT	64	64											
BC400601	B-CELL MANIPULATOR C	34	34											
BC40082	MANIPULATOR REPAIR	164	164											
BC160310B	INSTALLATION OF WES	895		895										
BC160310C	INSTALLATION OF WES	895		895										
BC28201	RH11POG FILTER CHANG	110		110										
BC160310D	INSTALLATION OF WES	895		895										
BC160310E	INSTALLATION OF WES	895		895										
BC160310F	INSTALLATION OF WES	895		895										
BC160310G	INSTALLATION OF WES	895		895										
BC160310H	INSTALLATION OF WES	895		895										
BC160310I	INSTALLATION OF WES	895		895										
BC160310J	INSTALLATION OF WES	895		895										
BC132A96Z	CAMERA & EQUIP MAINT	64		64										
BC400602	B-CELL MANIPULATOR C	34		34										
BC40083	MANIPULATOR REPAIR	164		164										
BC132A97A	CAMERA & EQUIP MAINT	64			64									
BC40084	MANIPULATOR REPAIR	164			164									
BC400603	B-CELL MANIPULATOR C	34				34								
BC80020	DECON AIRLOCK	360				360								
BC132A97B	CAMERA & EQUIP MAINT	64				64								
BC40085	MANIPULATOR REPAIR	164				164								
BC400604	B-CELL MANIPULATOR C	34				34								
BC622085A	INSTALL HANDLING/TRA	795					795							
BC28202	RH11POG FILTER CHANG	110					110							
BC622085B	INSTALL HANDLING/TRA	795					795							
BC622085C	INSTALL HANDLING/TRA	795					795							
BC132A97C	CAMERA & EQUIP MAINT	64					64							
BC622085D	INSTALL HANDLING/TRA	795					795							
BC40086	MANIPULATOR REPAIR	164					164							
BC622085E	INSTALL HANDLING/TRA	795					795							
BC622085F	INSTALL HANDLING/TRA	795					795							

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

TOTAL USAGE FOR MONTH

			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ACT ID	DESC	TOTAL	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998
B-CELL -														
BC400605	B-CELL MANIPULATOR C	34						34						
BC622085G	INSTALL HANDLING/TRA	795						795						
BC622085H	INSTALL HANDLING/TRA	795						795						
BC132A97D	CAMERA & EQUIP MAINT	64						64						
BC622085I	INSTALL HANDLING/TRA	795						795						
BC90025A	INSTALL DUCT CLEANIN	795						795						
BC40087	MANIPULATOR REPAIR	164						164						
BC90025B	INSTALL DUCT CLEANIN	795						795						
BC90025C	INSTALL DUCT CLEANIN	795						795						
BC90025D	INSTALL DUCT CLEANIN	795						795						
BC90025E	INSTALL DUCT CLEANIN	795						795						
BC400606	B-CELL MANIPULATOR C	34						34						
BC132A97E	CAMERA & EQUIP MAINT	64							64					
BC40088	MANIPULATOR REPAIR	164							164					
BC400607	B-CELL MANIPULATOR C	34							34					
BC28203	RM11POG FILTER CHANG	100								100				
BC28208	RM11POG FILTER CHANG	100								100				
BC132A97F	CAMERA & EQUIP MAINT	64								64				
BC700100A	SCW LOADOUT - 1ST SH	230								230				
BC40089	MANIPULATOR REPAIR	164								164				
BC700100B	SCW LOADOUT - 2ND SH	230								230				
BC700100C	SCW LOADOUT - 3RD S	230								230				
BC400608	B-CELL MANIPULATOR C	34								34				
BC700100D	SCW LOADOUT - 4TH S	230									230			
BC700100J	AIRLOCK CLEANOUT	305									305			
BC700100E	SCW LOADOUT - 5TH S	230									230			
BC700100F	SCW LOADOUT - 6TH S	230									230			
BC132A97G	CAMERA & EQUIP MAINT	64									64			
BC700100G	SCW LOADOUT - 7TH S	230									230			
BC700100H	SCW LOADOUT - 8TH SH	230									230			
BC700100K	AIRLOCK CLEANOUT	305									305			
BC700100I	SCW LOADOUT - 9TH SH	230									230			
BC40090	MANIPULATOR REPAIR	164									164			
BC400609	B-CELL MANIPULATOR C	34									34			
BC132A97H	CAMERA & EQUIP MAINT	64										64		
BC40091	MANIPULATOR REPAIR	164										164		
BC400610	B-CELL MANIPULATOR C	34										34		
BC132A97I	CAMERA & EQUIP MAINT	64											64	
BC28204	RM11POG FILTER CHANG	100											100	
BC28209	RM11POG FILTER CHANG	100											100	
BC40092	MANIPULATOR REPAIR	164											164	
BC400611	B-CELL MANIPULATOR C	34												34
BC132A97J	CAMERA & EQUIP MAINT	64												64
BC700101A	SCW LOADOUT #3 - 1ST	230												230
BC700103A	SCW LOADOUT #2 - 1ST	230												230

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 539-
11:15

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

DETAIL BY PROJECT/AREA

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
B-CELL -														
BC400612	B-CELL MANIPULATOR C	34												34
BC40093	MANIPULATOR REPAIR	164												164
BC700101B	SCW LOADOUT #3 - 2ND	230												230
BC700101C	SCW LOADOUT #3 - 3RD	230												230
BC700101D	SCW LOADOUT #3 - 4TH	230												230
BC700101E	SCW LOADOUT #3 - 5TH	230												230
BC700103B	SCW LOADOUT #2 - 2ND	230												230
TOTAL	B-CELL	30694	3357	8427	228	656	5108	6656	262	1152	2252	262	428	1906
REPORT TOTAL														
		30694	3357	8427	228	656	5108	6656	262	1152	2252	262	428	1906

1998

Detail by Resource
and Contractor

BATTLE PACIFIC KW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 534
11:00

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
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ASSIST - ASSIST PERSON (MR)

KEH -

BC160310B	INSTALLATION OF WES	175		175										
BC160310C	INSTALLATION OF WES	175		175										
BC160310D	INSTALLATION OF WES	175		175										
BC160310E	INSTALLATION OF WES	175		175										
BC160310F	INSTALLATION OF WES	175		175										
BC160310G	INSTALLATION OF WES	175		175										
BC160310H	INSTALLATION OF WES	175		175										
BC160310I	INSTALLATION OF WES	175		175										
BC160310J	INSTALLATION OF WES	175		175										
BC622085A	INSTALL HANDLING/TRA	175					175							
BC622085B	INSTALL HANDLING/TRA	175					175							
BC622085C	INSTALL HANDLING/TRA	175					175							
BC622085D	INSTALL HANDLING/TRA	175					175							
BC622085E	INSTALL HANDLING/TRA	175					175							
BC622085F	INSTALL HANDLING/TRA	175					175							
BC622085G	INSTALL HANDLING/TRA	175						175						
BC622085H	INSTALL HANDLING/TRA	175						175						
BC622085I	INSTALL HANDLING/TRA	175						175						
BC90025A	INSTALL DUCT CLEANIN	175						175						
BC90025B	INSTALL DUCT CLEANIN	175						175						
BC90025C	INSTALL DUCT CLEANIN	175						175						
BC90025D	INSTALL DUCT CLEANIN	175						175						
BC90025E	INSTALL DUCT CLEANIN	175						175						

SUBTOTAL KEH	4025	1575		1050	1400
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PHL

BC60066A	FILTER MEDIA LOADOUT	30	30											
BC60066B	FILTER MEDIA LOADOUT	30	30											
BC60066C	FILTER MEDIA LOADOUT	30	30											
BC70000A	LLW CAMPAIGN #9 1ST	30	30											
BC70000B	LLW CAMPAIGN #9 2ND	30	30											
BC70000C	LLW CAMPAIGN #9 3RD	30	30											
BC70000D	LLW CAMPAIGN #9 4TH	30	30											
BC70000I	AIRLOCK CLEANOUT	30	30											
BC70000E	LLW CAMPAIGN #9 5TH	30	30											
BC70000F	LLW CAMPAIGN #9 6TH	30	30											
BC70000G	LLW CAMPAIGN #9 7TH	30	30											
BC70000H	LLW CAMPAIGN #9 8TH	30	30											
BC7000J	AIRLOCK CLEANOUT	30	30											
BC80020	DECON AIRLOCK	60				60								
BC700100A	SCW LOADOUT - 1ST SH	30								30				

BATTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 534
11:00

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
ASSIST - ASSIST PERSON (MR)														
PHL														
BC700100B	SCW LOADOUT - 2ND SH	30								30				
BC700100C	SCW LOADOUT - 3RD S	30								30				
BC700100D	SCW LOADOUT - 4TH S	30									30			
BC700100J	AIRLOCK CLEANOUT	30									30			
BC700100E	SCW LOADOUT - 5TH S	30									30			
BC700100F	SCW LOADOUT - 6TH S	30									30			
BC700100G	SCW LOADOUT - 7TH S	30									30			
BC700100H	SCW LOADOUT - 8TH SH	30									30			
BC700100K	AIRLOCK CLEANOUT	30									30			
BC700100I	SCW LOADOUT - 9TH SH	30									30			
BC700101A	SCW LOADOUT #3 - 1ST	30											30	
BC700103A	SCW LOADOUT #2 - 1ST	30											30	
BC700101B	SCW LOADOUT #3 - 2ND	30											30	
BC700101C	SCW LOADOUT #3 - 3RD	30											30	
BC700101D	SCW LOADOUT #3 - 4TH	30											30	
BC700101E	SCW LOADOUT #3 - 5TH	30											30	
BC700103B	SCW LOADOUT #2 - 2ND	30											30	
SUBTOTAL PHL		990	390			60				90	240			210
TOTAL	ASSIST	5015	390	1575		60	1050	1400		90	240			210

ELCTRCH - ELECTRICIAN ()

KEH -

BC132A96Y	CAMERA & EQUIP MAINT	40	40											
BC160310B	INSTALLATION OF WES	240		240										
BC160310C	INSTALLATION OF WES	240		240										
BC160310D	INSTALLATION OF WES	240		240										
BC160310E	INSTALLATION OF WES	240		240										
BC160310F	INSTALLATION OF WES	240		240										
BC160310G	INSTALLATION OF WES	240		240										
BC160310H	INSTALLATION OF WES	240		240										
BC160310I	INSTALLATION OF WES	240		240										
BC160310J	INSTALLATION OF WES	240		240										
BC132A96Z	CAMERA & EQUIP MAINT	40		40										
BC132A97A	CAMERA & EQUIP MAINT	40			40									
BC132A97B	CAMERA & EQUIP MAINT	40				40								
BC622085A	INSTALL HANDLING/TRA	240					240							
BC622085B	INSTALL HANDLING/TRA	240					240							
BC622085C	INSTALL HANDLING/TRA	240					240							

REPORT DATE 12JUL95 RUN NO. 534
11:00

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
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ELCTRCN - ELECTRICIAN ()

KEH -

BC132A97C	CAMERA & EQUIP MAINT	40					40							
BC622085D	INSTALL HANDLING/TRA	240					240							
BC622085E	INSTALL HANDLING/TRA	240					240							
BC622085F	INSTALL HANDLING/TRA	240					240							
BC622085G	INSTALL HANDLING/TRA	240						240						
BC622085H	INSTALL HANDLING/TRA	240						240						
BC132A97D	CAMERA & EQUIP MAINT	40					40							
BC622085I	INSTALL HANDLING/TRA	240					240							
BC90025A	INSTALL DUCT CLEANIN	240					240							
BC90025B	INSTALL DUCT CLEANIN	240					240							
BC90025C	INSTALL DUCT CLEANIN	240					240							
BC90025D	INSTALL DUCT CLEANIN	240					240							
BC90025E	INSTALL DUCT CLEANIN	240					240							
BC132A97E	CAMERA & EQUIP MAINT	40						40						
BC132A97F	CAMERA & EQUIP MAINT	40							40					
BC132A97G	CAMERA & EQUIP MAINT	40								40				
BC132A97H	CAMERA & EQUIP MAINT	40									40			
BC132A97I	CAMERA & EQUIP MAINT	40										40		
BC132A97J	CAMERA & EQUIP MAINT	40											40	
SUBTOTAL KEH		6000	40	2200	40	40	1480	1960	40	40	40	40	40	40

TOTAL	ELCTRCN	6000	40	2200	40	40	1480	1960	40	40	40	40	40	40
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ENTRY PE - ENTRY PERSON ()

PKL

BC60066A	FILTER MEDIA LOADOUT	100	100											
BC60066B	FILTER MEDIA LOADOUT	100	100											
BC60066C	FILTER MEDIA LOADOUT	100	100											
BC70000A	LLW CAMPAIGN #9 1ST	100	100											
BC70000B	LLW CAMPAIGN #9 2ND	100	100											
BC70000C	LLW CAMPAIGN #9 3RD	100	100											
BC70000D	LLW CAMPAIGN #9 4TH	100	100											
BC70000E	LLW CAMPAIGN #9 5TH	100	100											
BC70000F	LLW CAMPAIGN #9 6TH	100	100											
BC70000G	LLW CAMPAIGN #9 7TH	100	100											
BC70000H	LLW CAMPAIGN #9 8TH	100	100											
BC700100A	SCW LOADOUT - 1ST SH	100								100				
BC700100B	SCW LOADOUT - 2ND SH	100								100				
BC700100C	SCW LOADOUT - 3RD S	100								100				

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 534
11:00

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 4

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
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ENTRY PE - ENTRY PERSON ()

PNL

BC700100D	SCW LOADOUT - 4TH S	100									100			
BC700100E	SCW LOADOUT - 5TH S	100									100			
BC700100F	SCW LOADOUT - 6TH S	100									100			
BC700100G	SCW LOADOUT - 7TH S	100									100			
BC700100H	SCW LOADOUT - 8TH SH	100									100			
BC700100I	SCW LOADOUT - 9TH SH	100									100			
BC700101A	SCW LOADOUT #3 - 1ST	100												100
BC700103A	SCW LOADOUT #2 - 1ST	100												100
BC700101B	SCW LOADOUT #3 - 2ND	100												100
BC700101C	SCW LOADOUT #3 - 3RD	100												100
BC700101D	SCW LOADOUT #3 - 4TH	100												100
BC700101E	SCW LOADOUT #3 - 5TH	100												100
BC700103B	SCW LOADOUT #2 - 2ND	100												100
SUBTOTAL PNL		2700	1100							300	600			700

TOTAL	ENTRY PE	2700	1100							300	600			700
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IRNWK - IRONWORKER ()

KEH -

BC160310B	INSTALLATION OF WES	240		240										
BC160310C	INSTALLATION OF WES	240		240										
BC160310D	INSTALLATION OF WES	240		240										
BC160310E	INSTALLATION OF WES	240		240										
BC160310F	INSTALLATION OF WES	240		240										
BC160310G	INSTALLATION OF WES	240		240										
BC160310H	INSTALLATION OF WES	240		240										
BC160310I	INSTALLATION OF WES	240		240										
BC160310J	INSTALLATION OF WES	240		240										
BC622085A	INSTALL HANDLING/TRA	240					240							
BC622085B	INSTALL HANDLING/TRA	240					240							
BC622085C	INSTALL HANDLING/TRA	240					240							
BC622085D	INSTALL HANDLING/TRA	240					240							
BC622085E	INSTALL HANDLING/TRA	240					240							
BC622085F	INSTALL HANDLING/TRA	240					240							
BC622085G	INSTALL HANDLING/TRA	240						240						
BC622085H	INSTALL HANDLING/TRA	240						240						
BC622085I	INSTALL HANDLING/TRA	240						240						
BC90025A	INSTALL DUCT CLEANIN	240						240						
BC90025B	INSTALL DUCT CLEANIN	240						240						

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

TOTAL USAGE FOR MONTH

BC400601	B-CELL MANIPULATOR C	10	10					
BC40082	MANIPULATOR REPAIR	100	100					
BC28201	RM11POG FILTER CHANG	80		80				
BC400602	B-CELL MANIPULATOR C	10		10				
BC40083	MANIPULATOR REPAIR	100		100				
BC40084	MANIPULATOR REPAIR	100			100			
BC400603	B-CELL MANIPULATOR C	10			10			
BC40085	MANIPULATOR REPAIR	100			100			
BC400604	B-CELL MANIPULATOR C	10			10			
BC28202	RM11POG FILTER CHANG	80				80		
BC40086	MANIPULATOR REPAIR	100				100		
BC400605	B-CELL MANIPULATOR C	10					10	
BC40087	MANIPULATOR REPAIR	100					100	
BC400606	B-CELL MANIPULATOR C	10					10	
BC40088	MANIPULATOR REPAIR	100						100
BC400607	B-CELL MANIPULATOR C	10						10
BC28203	RM11POG FILTER CHANG	80						80
BC28208	RM11POG FILTER CHANG	80						80
BC40089	MANIPULATOR REPAIR	100						100
BC400608	B-CELL MANIPULATOR C	10						10
BC40090	MANIPULATOR REPAIR	100						
BC400609	B-CELL MANIPULATOR C	10						100
BC40091	MANIPULATOR REPAIR	100						10
BC400610	B-CELL MANIPULATOR C	10						
BC28204	RM11POG FILTER CHANG	80						80
BC28209	RM11POG FILTER CHANG	80						80
BC40092	MANIPULATOR REPAIR	100						100
BC400611	B-CELL MANIPULATOR C	10						
BC400612	B-CELL MANIPULATOR C	10						
BC40093	MANIPULATOR REPAIR	100						

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 534
11:00

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 6

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
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MLLWRGHT - MILLWRIGHT ()

PNL

SUBTOTAL PNL	1800	110	190	100	120	180	120	110	270	110	110	260	120
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TOTAL	MLLWRGHT	1800	110	190	100	120	180	120	110	270	110	110	260	120
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RPT - RADIATION PROTECTION TECHNICIAN ()

KEH -

BC132A96Y	CAMERA & EQUIP MAINT	4	4											
BC160310B	INSTALLATION OF WES	200		200										
BC160310C	INSTALLATION OF WES	200		200										
BC160310D	INSTALLATION OF WES	200		200										
BC160310E	INSTALLATION OF WES	200		200										
BC160310F	INSTALLATION OF WES	200		200										
BC160310G	INSTALLATION OF WES	200		200										
BC160310H	INSTALLATION OF WES	200		200										
BC160310I	INSTALLATION OF WES	200		200										
BC160310J	INSTALLATION OF WES	200		200										
BC132A96Z	CAMERA & EQUIP MAINT	4		4										
BC132A97A	CAMERA & EQUIP MAINT	4			4									
BC132A97E	CAMERA & EQUIP MAINT	4				4								
BC622085A	INSTALL HANDLING/TR	100					100							
BC622085B	INSTALL HANDLING/TR	100					100							
BC622085C	INSTALL HANDLING/TR	100					100							
BC132A97C	CAMERA & EQUIP MAINT	4					4							
BC622085D	INSTALL HANDLING/TR	100					100							
BC622085E	INSTALL HANDLING/TR	100					100							
BC622085F	INSTALL HANDLING/TR	100					100							
BC622085G	INSTALL HANDLING/TR	100						100						
BC622085H	INSTALL HANDLING/TR	100						100						
BC132A97D	CAMERA & EQUIP MAINT	4						4						
BC622085I	INSTALL HANDLING/TR	100						100						
BC90025A	INSTALL DUCT CLEANIN	100						100						
BC90025B	INSTALL DUCT CLEANIN	100						100						
BC90025C	INSTALL DUCT CLEANIN	100						100						
BC90025D	INSTALL DUCT CLEANIN	100						100						
BC90025E	INSTALL DUCT CLEANIN	100						100						
BC132A97E	CAMERA & EQUIP MAINT	4							4					
BC132A97F	CAMERA & EQUIP MAINT	4								4				
BC132A97G	CAMERA & EQUIP MAINT	4									4			
BC132A97H	CAMERA & EQUIP MAINT	4										4		

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 7

TOTAL USAGE FOR MONTH

[illegible]

RPT - RADIATION PROTECTION TECHNICIAN ()

KEK -

BC132A97I	CAMERA & EQUIP MAINT	4											4
BC132A97J	CAMERA & EQUIP MAINT	4											4
SUBTOTAL KEM		3248	4	1804	4	4	604	804	4	4	4	4	4

PNL

BC60066A	FILTER MEDIA LOADOUT	50	50		
BC60066B	FILTER MEDIA LOADOUT	50	50		
BC60066C	FILTER MEDIA LOADOUT	50	50		
BC70000A	LLW CAMPAIGN #9 1ST	50	50		
BC70000B	LLW CAMPAIGN #9 2ND	50	50		
BC70000C	LLW CAMPAIGN #9 3RD	50	50		
BC70000D	LLW CAMPAIGN #9 4TH	50	50		
BC70000I	AIRLOCK CLEANOUT	75	75		
BC70000E	LLW CAMPAIGN #9 5TH	50	50		
BC70000F	LLW CAMPAIGN #9 6TH	50	50		
BC70000G	LLW CAMPAIGN #9 7TH	50	50		
BC70000H	LLW CAMPAIGN #9 8TH	50	50		
BC7000J	AIRLOCK CLEANOUT	75	75		
BC400601	B-CELL MANIPULATOR C	4	4		
BC40082	MANIPULATOR REPAIR	4	4		
BC28201	RM11POG FILTER CHANG	20	20		
BC400602	B-CELL MANIPULATOR C	4	4		
BC40083	MANIPULATOR REPAIR	4	4		
BC40084	MANIPULATOR REPAIR	4	4		
BC400603	B-CELL MANIPULATOR C	4	4		
BC80020	DECOM AIRLOCK	75	75		
BC40085	MANIPULATOR REPAIR	4	4		
BC400604	B-CELL MANIPULATOR C	4	4		
BC28202	RM11POG FILTER CHANG	20	20		
BC40086	MANIPULATOR REPAIR	4	4		
BC400605	B-CELL MANIPULATOR C	4	4		
BC40087	MANIPULATOR REPAIR	4	4		
BC400606	B-CELL MANIPULATOR C	4	4		
BC40088	MANIPULATOR REPAIR	4	4		
BC400607	B-CELL MANIPULATOR C	4	4		
BC28203	RM11POG FILTER CHANG	10	10		
BC28208	RM11POG FILTER CHANG	10	10		
BC700100A	SCW LOADOUT - 1ST SH	50	50		
BC40089	MANIPULATOR REPAIR	4	4		
BC700100B	SCW LOADOUT - 2ND SH	50	50		
BC700100C	SCW LOADOUT - 3RD S	50	50		

BATELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 534
11:00

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 8

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
RPT	- RADIATION PROTECTION TECHNICIAN ()													
PHL														
BC400608	B-CELL MANIPULATOR C	4								4				
BC700100D	SCW LOADOUT - 4TH S	50									50			
BC700100J	AIRLOCK CLEANOUT	75									75			
BC700100E	SCW LOADOUT - 5TH S	50									50			
BC700100F	SCW LOADOUT - 6TH S	50									50			
BC700100G	SCW LOADOUT - 7TH S	50									50			
BC700100H	SCW LOADOUT - 8TH SH	50									50			
BC700100K	AIRLOCK CLEANOUT	75									75			
BC700100I	SCW LOADOUT - 9TH SH	50									50			
BC40090	MANIPULATOR REPAIR	4									4			
BC400609	B-CELL MANIPULATOR C	4									4			
BC40091	MANIPULATOR REPAIR	4										4		
BC400610	B-CELL MANIPULATOR C	4										4		
BC28204	RM11POG FILTER CHANG	10											10	
BC28209	RM11POG FILTER CHANG	10											10	
BC40092	MANIPULATOR REPAIR	4											4	
BC400611	B-CELL MANIPULATOR C	4												4
BC700101A	SCW LOADOUT #3 - 1ST	50												50
BC700103A	SCW LOADOUT #2 - 1ST	50												50
BC400612	B-CELL MANIPULATOR C	4												4
BC40093	MANIPULATOR REPAIR	4												4
BC700101E	SCW LOADOUT #3 - 2ND	50												50
BC700101C	SCW LOADOUT #3 - 3RD	50												50
BC700101D	SCW LOADOUT #3 - 4TH	50												50
BC700101E	SCW LOADOUT #3 - 5TH	50												50
BC700103B	SCW LOADOUT #2 - 2ND	50												50

SUBTOTAL	PHL	1901	708	28	4	87	24	12	8	178	458	8	24	362
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TOTAL	RPT	5149	712	1832	8	91	628	816	12	182	462	12	28	366
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TECH - TECHNICIAN ()

KEH -

BC132A96Y	CAMERA & EQUIP MAINT	20	20											
BC132A96Z	CAMERA & EQUIP MAINT	20		20										
BC132A97A	CAMERA & EQUIP MAINT	20			20									
BC132A97B	CAMERA & EQUIP MAINT	20				20								
BC132A97C	CAMERA & EQUIP MAINT	20					20							
BC132A97D	CAMERA & EQUIP MAINT	20						20						
BC132A97E	CAMERA & EQUIP MAINT	20							20					

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

TOTAL USAGE FOR MONTH

BC700001	AIRLOCK CLEANOUT	175	175						
BC700003	AIRLOCK CLEANOUT	175	175						
BC400601	B-CELL MANIPULATOR C	20	20						
BC40082	MANIPULATOR REPAIR	60	60						
BC28201	RM11POG FILTER CHANG	10		10					
BC400602	B-CELL MANIPULATOR C	20		20					
BC40063	MANIPULATOR REPAIR	60		60					
BC40084	MANIPULATOR REPAIR	60			60				
BC400603	B-CELL MANIPULATOR C	20				20			
BC80020	DECON AIRLOCK	175				175			
BC40065	MANIPULATOR REPAIR	60				60			
BC40066	B-CELL MANIPULATOR C	20				20			
BC28202	RM11POG FILTER CHANG	10					10		
BC40086	MANIPULATOR REPAIR	60				60			
BC400605	B-CELL MANIPULATOR C	20						20	
BC40067	MANIPULATOR REPAIR	60						60	
BC400606	B-CELL MANIPULATOR C	20						20	
BC40088	MANIPULATOR REPAIR	60						60	
BC400607	B-CELL MANIPULATOR C	20						20	
BC28203	RM11POG FILTER CHANG	10							10
BC28205	RM11POG FILTER CHANG	10							10
BC40089	MANIPULATOR REPAIR	60							60
BC400608	B-CELL MANIPULATOR C	20							20
BC700100J	AIRLOCK CLEANOUT	175							175
BC700100K	AIRLOCK CLEANOUT	175							175
BC40090	MANIPULATOR REPAIR	60							60
BC400609	B-CELL MANIPULATOR C	20							20
BC40091	MANIPULATOR REPAIR	60							60
BC400610	B-CELL MANIPULATOR C	20							20
BC28204	RM11POG FILTER CHANG	10							10
BC28209	RM11POG FILTER CHANG	10							10
BC40092	MANIPULATOR REPAIR	60							60
BC400611	B-CELL MANIPULATOR C	20							20

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 534
11:00

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 10

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
TECH - TECHNICIAN ()														
PNL														
BC400612	B-CELL MANIPULATOR C	20												20
BC40093	MANIPULATOR REPAIR	60												60
SUBTOTAL PNL		1895	430	90	60	275	70	100	80	100	430	80	80	100
TOTAL	TECH	2135	450	110	80	295	90	120	100	120	450	100	100	120

UNDRESSR - UNDRRESSER ()

KEH -

BC160310B	INSTALLATION OF WES	40		40										
BC160310C	INSTALLATION OF WES	40		40										
BC160310D	INSTALLATION OF WES	40		40										
BC160310E	INSTALLATION OF WES	40		40										
BC160310F	INSTALLATION OF WES	40		40										
BC160310G	INSTALLATION OF WES	40		40										
BC160310H	INSTALLATION OF WES	40		40										
BC160310I	INSTALLATION OF WES	40		40										
BC160310J	INSTALLATION OF WES	40		40										
BC622085A	INSTALL HANDLING/TRA	40					40							
BC622085B	INSTALL HANDLING/TRA	40					40							
BC622085C	INSTALL HANDLING/TRA	40					40							
BC622085D	INSTALL HANDLING/TRA	40					40							
BC622085E	INSTALL HANDLING/TRA	40					40							
BC622085F	INSTALL HANDLING/TRA	40					40							
BC622085G	INSTALL HANDLING/TRA	40						40						
BC622085H	INSTALL HANDLING/TRA	40						40						
BC622085I	INSTALL HANDLING/TRA	40						40						
BC90025A	INSTALL DUCT CLEANIN	40						40						
BC90025B	INSTALL DUCT CLEANIN	40						40						
BC90025C	INSTALL DUCT CLEANIN	40						40						
BC90025D	INSTALL DUCT CLEANIN	40						40						
BC90025E	INSTALL DUCT CLEANIN	40						40						
SUBTOTAL KEH		920		360			240	320						

PNL

BC60066A	FILTER MEDIA LOADOUT	35	35
BC60066B	FILTER MEDIA LOADOUT	35	35
BC60066C	FILTER MEDIA LOADOUT	35	35

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 534
11:00

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 11

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
UNDRESSR - UNDORESSER ()														
PHL														
BC70000A	LLW CAMPAIGN #9 1ST	50	50											
BC70000B	LLW CAMPAIGN #9 2ND	50	50											
BC70000C	LLW CAMPAIGN #9 3RD	50	50											
BC70000D	LLW CAMPAIGN #9 4TH	50	50											
BC70000I	AIRLOCK CLEANOUT	25	25											
BC70000E	LLW CAMPAIGN #9 5TH	50	50											
BC70000F	LLW CAMPAIGN #9 6TH	50	50											
BC70000G	LLW CAMPAIGN #9 7TH	50	50											
BC70000H	LLW CAMPAIGN #9 8TH	50	50											
BC70000J	AIRLOCK CLEANOUT	25	25											
BC80020	DECON AIRLOCK	50				50								
BC700100A	SCW LOADOUT - 1ST SH	50								50				
BC700100B	SCW LOADOUT - 2ND SH	50								50				
BC700100C	SCW LOADOUT - 3RD S	50								50				
BC700100D	SCW LOADOUT - 4TH S	50									50			
BC700100J	AIRLOCK CLEANOUT	25									25			
BC700100E	SCW LOADOUT - 5TH S	50									50			
BC700100F	SCW LOADOUT - 6TH S	50									50			
BC700100G	SCW LOADOUT - 7TH S	50									50			
BC700100H	SCW LOADOUT - 8TH SH	50									50			
BC700100K	AIRLOCK CLEANOUT	25									25			
BC700100I	SCW LOADOUT - 9TH SH	50									50			
BC700101A	SCW LOADOUT #3 - 1ST	50												50
BC700103A	SCW LOADOUT #2 - 1ST	50												50
BC700101B	SCW LOADOUT #3 - 2ND	50												50
BC700101C	SCW LOADOUT #3 - 3RD	50												50
BC700101D	SCW LOADOUT #3 - 4TH	50												50
BC700101E	SCW LOADOUT #3 - 5TH	50												50
BC700103B	SCW LOADOUT #2 - 2ND	50												50
SUBTOTAL PHL		1455	555			50				150	350			350
TOTAL UNDORESSR		2375	555	360		50	240	320		150	350			350
REPORT TOTAL		30694	3357	8427	228	656	5108	6656	262	1152	2252	262	428	1906

1998

Detailed Dose Estimates by Activity - PNL

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

TOTAL USAGE FOR MONTH

[illegible]

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 519
09:18

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
BC28209	- RM11POG FILTER CHANGEOUT													
TOTAL	BC28209	100												100
BC400601	- B-CELL MANIPULATOR CHANGE													
MLLWRGHT	MILLWRIGHT	10	10											
RPT	RADIATION PROTECTION	4	4											
TECH	TECHNICIAN	20	20											
TOTAL	BC400601	34	34											
BC400602	- B-CELL MANIPULATOR CHANGE													
MLLWRGHT	MILLWRIGHT	10		10										
RPT	RADIATION PROTECTION	4		4										
TECH	TECHNICIAN	20		20										
TOTAL	BC400602	34		34										
BC400603	- B-CELL MANIPULATOR CHANGE													
MLLWRGHT	MILLWRIGHT	10				10								
RPT	RADIATION PROTECTION	4				4								
TECH	TECHNICIAN	20				20								
TOTAL	BC400603	34				34								
BC400604	- B-CELL MANIPULATOR CHANGE													
MLLWRGHT	MILLWRIGHT	10				10								
RPT	RADIATION PROTECTION	4				4								
TECH	TECHNICIAN	20				20								
TOTAL	BC400604	34				34								
BC400605	- B-CELL MANIPULATOR CHANGE													
MLLWRGHT	MILLWRIGHT	10						10						
RPT	RADIATION PROTECTION	4						4						
TECH	TECHNICIAN	20						20						
TOTAL	BC400605	34						34						

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

TOTAL USAGE FOR MONTH

[illegible]

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

BC400611 - B-CELL MANIPULATOR CHANGE

BC400612 - B-CELL MANIPULATOR CHANGE

TOTAL	BC400612	34	34
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BC40082 - MANIPULATOR REPAIR

TOTAL	BC40082	164	164
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BC40083 . - MANIPULATOR REPAIR

TOTAL	BC40083	164	164	.
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BC40084 - MANIPULATOR REPAIR

TOTAL	BC40084	164	164
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BC40085 - MANIPULATOR REPAIR

TOTAL	BC40085	164	164
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BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 519
09:18

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 5

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
BC40086	- MANIPULATOR REPAIR													
MLLWRGHT	MILLWRIGHT	100					100							
RPT	RADIATION PROTECTION	4					4							
TECH	TECHNICIAN	60					60							
TOTAL	BC40086	164					164							
BC40087	- MANIPULATOR REPAIR													
MLLWRGHT	MILLWRIGHT	100					100							
RPT	RADIATION PROTECTION	4					4							
TECH	TECHNICIAN	60					60							
TOTAL	BC40087	164					164							
BC40088	- MANIPULATOR REPAIR													
MLLWRGHT	MILLWRIGHT	100						100						
RPT	RADIATION PROTECTION	4						4						
TECH	TECHNICIAN	60						60						
TOTAL	BC40088	164						164						
BC40089	- MANIPULATOR REPAIR													
MLLWRGHT	MILLWRIGHT	100							100					
RPT	RADIATION PROTECTION	4							4					
TECH	TECHNICIAN	60							60					
TOTAL	BC40089	164							164					
BC40090	- MANIPULATOR REPAIR													
MLLWRGHT	MILLWRIGHT	100								100				
RPT	RADIATION PROTECTION	4								4				
TECH	TECHNICIAN	60								60				
TOTAL	BC40090	164								164				
BC40091	- MANIPULATOR REPAIR													
MLLWRGHT	MILLWRIGHT	100									100			
RPT	RADIATION PROTECTION	4									4			
TECH	TECHNICIAN	60									60			

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 6

TOTAL USAGE FOR MONTH

[illegible]

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 519
09:18

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 7

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
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BC60066C - FILTER MEDIA LOADOUT

TOTAL	BC60066C	215	215
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BC70000A - LLW CAMPAIGN #9 1ST SHIPMENT

ASSIST	ASSIST PERSON	30	30
ENTRY PE	ENTRY PERSON	100	100
RPT	RADIATION PROTECTION	50	50
UNDRESSR	UNDRESSER	50	50

TOTAL	BC70000A	230	230
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BC70000B - LLW CAMPAIGN #9 2ND SHIPMENT

ASSIST	ASSIST PERSON	30	30
ENTRY PE	ENTRY PERSON	100	100
RPT	RADIATION PROTECTION	50	50
UNDRESSR	UNDRESSER	50	50

TOTAL	BC70000B	230	230
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BC70000C - LLW CAMPAIGN #9 3RD SHIPMENT

ASSIST	ASSIST PERSON	30	30
ENTRY PE	ENTRY PERSON	100	100
RPT	RADIATION PROTECTION	50	50
UNDRESSR	UNDRESSER	50	50

TOTAL	BC70000C	230	230
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BC70000D - LLW CAMPAIGN #9 4TH SHIPMENT

ASSIST	ASSIST PERSON	30	30
ENTRY PE	ENTRY PERSON	100	100
RPT	RADIATION PROTECTION	50	50
UNDRESSR	UNDRESSER	50	50

TOTAL	BC70000D	230	230
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BC70000E - LLW CAMPAIGN #9 5TH SHIPMENT

ASSIST	ASSIST PERSON	30	30
ENTRY PE	ENTRY PERSON	100	100
RPT	RADIATION PROTECTION	50	50
UNDRESSR	UNDRESSER	50	50

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 519
09:18

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 8

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998

BC70000E	- LLW CAMPAIGN #9 5TH SHIPMENT													

TOTAL	BC70000E	230	230											
BC70000F - LLW CAMPAIGN #9 6TH SHIPMENT														
ASSIST	ASSIST PERSON	30	30											
ENTRY PE	ENTRY PERSON	100	100											
RPT	RADIATION PROTECTION	50	50											
UNDRESSR	UNDRESSER	50	50											

TOTAL	BC70000F	230	230											
BC70000G - LLW CAMPAIGN #9 7TH SHIPMENT														
ASSIST	ASSIST PERSON	30	30											
ENTRY PE	ENTRY PERSON	100	100											
RPT	RADIATION PROTECTION	50	50											
UNDRESSR	UNDRESSER	50	50											

TOTAL	BC70000G	230	230											
BC70000H - LLW CAMPAIGN #9 8TH SHIPMENT														
ASSIST	ASSIST PERSON	30	30											
ENTRY PE	ENTRY PERSON	100	100											
RPT	RADIATION PROTECTION	50	50											
UNDRESSR	UNDRESSER	50	50											

TOTAL	BC70000H	230	230											
BC70000I - AIRLOCK CLEANOUT														
ASSIST	ASSIST PERSON	30	30											
RPT	RADIATION PROTECTION	75	75											
TECH	TECHNICIAN	175	175											
UNDRESSR	UNDRESSER	25	25											

TOTAL	BC70000I	305	305											
BC70000J - AIRLOCK CLEANOUT														
ASSIST	ASSIST PERSON	30	30											
RPT	RADIATION PROTECTION	75	75											
TECH	TECHNICIAN	175	175											
UNDRESSR	UNDRESSER	25	25											

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 519
09:18

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 9

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
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BC7000J - AIRLOCK CLEANOUT

TOTAL BC7000J 305 305

BC700100A - SCW LOADOUT - 1ST SHIPMENT

ASSIST	ASSIST PERSON	30								30				
ENTRY PE	ENTRY PERSON	100								100				
RPT	RADIATION PROTECTION	50								50				
UNDRESSR	UNDRESSER	50								50				

TOTAL BC700100A 230 230

BC700100B - SCW LOADOUT - 2ND SHIPMENT

ASSIST	ASSIST PERSON	30								30				
ENTRY PE	ENTRY PERSON	100								100				
RPT	RADIATION PROTECTION	50								50				
UNDRESSR	UNDRESSER	50								50				

TOTAL BC700100B 230 230

BC700100C - SCW LOADOUT - 3RD SHIPMENT

ASSIST	ASSIST PERSON	30								30				
ENTRY PE	ENTRY PERSON	100								100				
RPT	RADIATION PROTECTION	50								50				
UNDRESSR	UNDRESSER	50								50				

TOTAL BC700100C 230 230

BC700100D - SCW LOADOUT - 4TH SHIPMENT

ASSIST	ASSIST PERSON	30								30				
ENTRY PE	ENTRY PERSON	100								100				
RPT	RADIATION PROTECTION	50								50				
UNDRESSR	UNDRESSER	50								50				

TOTAL BC700100D 230 230

BC700100E - SCW LOADOUT - 5TH SHIPMENT

ASSIST	ASSIST PERSON	30								30				
ENTRY PE	ENTRY PERSON	100								100				
RPT	RADIATION PROTECTION	50								50				
UNDRESSR	UNDRESSER	50								50				

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 10

BC700100E - SCW LOADOUT - 5TH SHIPMENT

BC700100F - SCW LOADOUT - 6TH SHIPMENT

TOTAL	BC700100F	230	230
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BC700100G - SCN LOADOUT - 7TH SHIPMENT

TOTAL	8C700100G	230	230
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BC700100H - SCW LOADOUT - 8TH SHIPMENT

TOTAL	BC700100H	230	230
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BC700100I - SCW LOADOUT - 9TH SHIPMENT

TOTAL	BC700100I	230	230
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BC700100J - AIRLOCK CLEANOUT

ASSIST	ASSIST PERSON	30	30
RPT	RADIATION PROTECTION	75	75
TECH	TECHNICIAN	175	175
UNDRESSR	UNDRESSER	25	25

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 11

TOTAL USAGE FOR MONTH

[illegible]

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 519
09:18

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 12

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
BC700101D - SCW LOADOUT #3 - 4TH SHIPMENT														
TOTAL	BC700101D	230												230
BC700101E - SCW LOADOUT #3 - 5TH SHIPMENT														
ASSIST	ASSIST PERSON	30												30
ENTRY PE	ENTRY PERSON	100												100
RPT	RADIATION PROTECTION	50												50
UNDRESSR	UNDRESSER	50												50
TOTAL	BC700101E	230												230
BC700103A - SCW LOADOUT #2 - 1ST SHIPMENT														
ASSIST	ASSIST PERSON	30												30
ENTRY PE	ENTRY PERSON	100												100
RPT	RADIATION PROTECTION	50												50
UNDRESSR	UNDRESSER	50												50
TOTAL	BC700103A	230												230
BC700103B - SCW LOADOUT #2 - 2ND SHIPMENT														
ASSIST	ASSIST PERSON	30												30
ENTRY PE	ENTRY PERSON	100												100
RPT	RADIATION PROTECTION	50												50
UNDRESSR	UNDRESSER	50												50
TOTAL	BC700103B	230												230
BC80020 - DECON AIRLOCK														
ASSIST	ASSIST PERSON	60					60							
RPT	RADIATION PROTECTION	75					75							
TECH	TECHNICIAN	175					175							
UNDRESSR	UNDRESSER	50					50							
TOTAL	BC80020	360					360							
REPORT TOTAL														
		10741	3293	308	164	592	274	232	198	1088	2188	198	364	1842

1998

Detailed Dose Estimates by Resource - PNL

BATTELLE PACIFIC HW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 489
06:27

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

JRCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
ASSIST - ASSIST PERSON (MR)														
BC60066A	FILTER MEDIA LOADOUT	30	30											
BC60066B	FILTER MEDIA LOADOUT	30	30											
BC60066C	FILTER MEDIA LOADOUT	30	30											
BC70000A	LLW CAMPAIGN #9 1ST	30	30											
BC70000B	LLW CAMPAIGN #9 2ND	30	30											
BC70000C	LLW CAMPAIGN #9 3RD	30	30											
BC70000D	LLW CAMPAIGN #9 4TH	30	30											
BC70000I	AIRLOCK CLEANOUT	30	30											
BC70000E	LLW CAMPAIGN #9 5TH	30	30											
BC70000F	LLW CAMPAIGN #9 6TH	30	30											
BC70000G	LLW CAMPAIGN #9 7TH	30	30											
BC70000H	LLW CAMPAIGN #9 8TH	30	30											
BC70000J	AIRLOCK CLEANOUT	30	30											
BC80020	DECON AIRLOCK	60				60								
BC700100A	SCW LOADOUT - 1ST SH	30								30				
BC700100B	SCW LOADOUT - 2ND SH	30								30				
BC700100C	SCW LOADOUT - 3RD S	30								30				
BC700100D	SCW LOADOUT - 4TH S	30									30			
BC700100J	AIRLOCK CLEANOUT	30									30			
BC700100E	SCW LOADOUT - 5TH S	30									30			
BC700100F	SCW LOADOUT - 6TH S	30									30			
BC700100G	SCW LOADOUT - 7TH S	30									30			
BC700100H	SCW LOADOUT - 8TH SH	30									30			
BC700100K	AIRLOCK CLEANOUT	30									30			
BC700100I	SCW LOADOUT - 9TH SH	30									30			
101A	SCW LOADOUT #3 - 1ST	30												30
103A	SCW LOADOUT #2 - 1ST	30												30
BC700101B	SCW LOADOUT #3 - 2ND	30												30
BC700101C	SCW LOADOUT #3 - 3RD	30												30
BC700101D	SCW LOADOUT #3 - 4TH	30												30
BC700101E	SCW LOADOUT #3 - 5TH	30												30
BC700103B	SCW LOADOUT #2 - 2ND	30												30
TOTAL	ASSIST	990	390			60				90	240			210

ENTRY PE - ENTRY PERSON ()

BC60066A	FILTER MEDIA LOADOUT	100	100
BC60066B	FILTER MEDIA LOADOUT	100	100
BC60066C	FILTER MEDIA LOADOUT	100	100
BC70000A	LLW CAMPAIGN #9 1ST	100	100
BC70000B	LLW CAMPAIGN #9 2ND	100	100
BC70000C	LLW CAMPAIGN #9 3RD	100	100
BC70000D	LLW CAMPAIGN #9 4TH	100	100
BC70000E	LLW CAMPAIGN #9 5TH	100	100

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 489
06:27

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

SOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
ENTRY PE - ENTRY PERSON ()														
BC70000F	LLW CAMPAIGN #9 6TH	100	100											
BC70000G	LLW CAMPAIGN #9 7TH	100	100											
BC70000H	LLW CAMPAIGN #9 8TH	100	100											
BC700100A	SCW LOADOUT - 1ST SH	100							100					
BC700100B	SCW LOADOUT - 2ND SH	100							100					
BC700100C	SCW LOADOUT - 3RD S	100							100					
BC700100D	SCW LOADOUT - 4TH S	100								100				
BC700100E	SCW LOADOUT - 5TH S	100								100				
BC700100F	SCW LOADOUT - 6TH S	100								100				
BC700100G	SCW LOADOUT - 7TH S	100								100				
BC700100H	SCW LOADOUT - 8TH SH	100								100				
BC700100I	SCW LOADOUT - 9TH SH	100								100				
BC700101A	SCW LOADOUT #3 - 1ST	100											100	
BC700103A	SCW LOADOUT #2 - 1ST	100											100	
BC700101B	SCW LOADOUT #3 - 2ND	100											100	
BC700101C	SCW LOADOUT #3 - 3RD	100											100	
BC700101D	SCW LOADOUT #3 - 4TH	100											100	
BC700101E	SCW LOADOUT #3 - 5TH	100											100	
BC700103B	SCW LOADOUT #2 - 2ND	100											100	
TOTAL	ENTRY PE	2700	1100							300	600			700

MLLWRGHT - MILLWRIGHT ()

BC400601	B-CELL MANIPULATOR C	10	10											
10082	MANIPULATOR REPAIR	100	100											
28201	RM11POG FILTER CHANG	80		80										
BC400602	B-CELL MANIPULATOR C	10		10										
BC40083	MANIPULATOR REPAIR	100		100										
BC40084	MANIPULATOR REPAIR	100			100									
BC400603	B-CELL MANIPULATOR C	10				10								
BC40085	MANIPULATOR REPAIR	100				100								
BC400604	B-CELL MANIPULATOR C	10				10								
BC28202	RM11POG FILTER CHANG	80					80							
BC40086	MANIPULATOR REPAIR	100					100							
BC400605	B-CELL MANIPULATOR C	10						10						
BC40087	MANIPULATOR REPAIR	100						100						
BC400606	B-CELL MANIPULATOR C	10						10						
BC40088	MANIPULATOR REPAIR	100							100					
BC400607	B-CELL MANIPULATOR C	10							10					
BC28203	RM11POG FILTER CHANG	80								80				
BC28208	RM11POG FILTER CHANG	80								80				
BC40089	MANIPULATOR REPAIR	100								100				
BC400608	B-CELL MANIPULATOR C	10								10				
BC40090	MANIPULATOR REPAIR	100									100			

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 489
06:27

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

RESOURCE LOADING DETAIL - PHL

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
MLLWRGHT - MILLWRIGHT ()														
BC400609	B-CELL MANIPULATOR C	10									10			
BC40091	MANIPULATOR REPAIR	100										100		
BC400610	B-CELL MANIPULATOR C	10										10		
BC28204	RH11POG FILTER CHANG	80											80	
BC28209	RH11POG FILTER CHANG	80											80	
BC40092	MANIPULATOR REPAIR	100											100	
BC400611	B-CELL MANIPULATOR C	10												10
BC400612	B-CELL MANIPULATOR C	10												10
BC40093	MANIPULATOR REPAIR	100												100
TOTAL	MLLWRGHT	1800	110	190	100	120	180	120	110	270	110	110	260	120

RPT - RADIATION PROTECTION TECHNICIAN ()

BC60066A	FILTER MEDIA LOADOUT	50	50											
BC60066B	FILTER MEDIA LOADOUT	50	50											
BC60066C	FILTER MEDIA LOADOUT	50	50											
BC70000A	LLW CAMPAIGN #9 1ST	50	50											
BC70000B	LLW CAMPAIGN #9 2ND	50	50											
BC70000C	LLW CAMPAIGN #9 3RD	50	50											
BC70000D	LLW CAMPAIGN #9 4TH	50	50											
BC70000E	LLW CAMPAIGN #9 5TH	50	50											
BC70000F	LLW CAMPAIGN #9 6TH	50	50											
BC70000G	LLW CAMPAIGN #9 7TH	50	50											
BC70000H	LLW CAMPAIGN #9 8TH	50	50											
BC70000J	AIRLOCK CLEANOUT	75	75											
BC400601	B-CELL MANIPULATOR C	4	4											
BC40082	MANIPULATOR REPAIR	4	4											
BC28201	RH11POG FILTER CHANG	20		20										
BC400602	B-CELL MANIPULATOR C	4		4										
BC40083	MANIPULATOR REPAIR	4		4										
BC40084	MANIPULATOR REPAIR	4			4									
BC400603	B-CELL MANIPULATOR C	4				4								
BC80020	DECON AIRLOCK	75				75								
BC40085	MANIPULATOR REPAIR	4				4								
BC400604	B-CELL MANIPULATOR C	4				4								
BC28202	RH11POG FILTER CHANG	20					20							
BC40086	MANIPULATOR REPAIR	4					4							
BC400605	B-CELL MANIPULATOR C	4						4						
BC40087	MANIPULATOR REPAIR	4						4						
BC400606	B-CELL MANIPULATOR C	4						4						
BC40088	MANIPULATOR REPAIR	4							4					
BC400607	B-CELL MANIPULATOR C	4							4					
BC28203	RH11POG FILTER CHANG	10								10				

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

SOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

TECH - TECHNICIAN ()

BC700001	AIRLOCK CLEANOUT	175	175	
BC70000J	AIRLOCK CLEANOUT	175	175	
BC400601	B-CELL MANIPULATOR C	20	20	
BC40082	MANIPULATOR REPAIR	60	60	
BC28201	RM11POG FILTER CHANG	10		10
BC400602	B-CELL MANIPULATOR C	20	20	
BC40083	MANIPULATOR REPAIR	60	60	
BC40084	MANIPULATOR REPAIR	60		60
BC400603	B-CELL MANIPULATOR C	20		20

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 5

TOTAL USAGE FOR MONTH

BC60066A	FILTER MEDIA LOADOUT	35	35
BC60066B	FILTER MEDIA LOADOUT	35	35
BC60066C	FILTER MEDIA LOADOUT	35	35
BC70000A	LLW CAMPAIGN #9 1ST	50	50
BC70000B	LLW CAMPAIGN #9 2ND	50	50
BC70000C	LLW CAMPAIGN #9 3RD	50	50
BC70000D	LLW CAMPAIGN #9 4TH	50	50
BC70000I	AIRLOCK CLEANOUT	25	25
BC70000E	LLW CAMPAIGN #9 5TH	50	50
BC70000F	LLW CAMPAIGN #9 6TH	50	50
BC70000G	LLW CAMPAIGN #9 7TH	50	50
BC70000H	LLW CAMPAIGN #9 8TH	50	50
BC7000J	AIRLOCK CLEANOUT	25	25
BC800020	DECON AIRLOCK	50	50

1998

Detailed Dose Estimates by Activity - KEH

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 495
06:36

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

RESOURCE LOADING DETAIL - KEN

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
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BC132A96Y - CAMERA & EQUIP MAINT.

ELCTRCH	ELECTRICIAN	40	40											
RPT	RADIATION PROTECTION	4	4											
TECH	TECHNICIAN	20	20											

TOTAL	BC132A96Y	64	64											
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BC132A96Z - CAMERA & EQUIP MAINT.

ELCTRCH	ELECTRICIAN	40		40										
RPT	RADIATION PROTECTION	4		4										
TECH	TECHNICIAN	20		20										

TOTAL	BC132A96Z	64		64										
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BC132A97A - CAMERA & EQUIP MAINT.

ELCTRCH	ELECTRICIAN	40			40									
RPT	RADIATION PROTECTION	4			4									
TECH	TECHNICIAN	20			20									

TOTAL	BC132A97A	64			64									
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BC132A97B - CAMERA & EQUIP MAINT.

ELCTRCH	ELECTRICIAN	40				40								
RPT	RADIATION PROTECTION	4				4								
TECH	TECHNICIAN	20				20								

TOTAL	BC132A97B	64				64								
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BC132A97C - CAMERA & EQUIP MAINT.

ELCTRCH	ELECTRICIAN	40					40							
RPT	RADIATION PROTECTION	4					4							
TECH	TECHNICIAN	20					20							

TOTAL	BC132A97C	64					64							
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BC132A97D - CAMERA & EQUIP MAINT.

ELCTRCH	ELECTRICIAN	40						40						
RPT	RADIATION PROTECTION	4						4						
TECH	TECHNICIAN	20						20						

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 495
06:36

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

DATA DATE 29JAN95 PAGE NO. 2

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
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BC132A97D - CAMERA & EQUIP MAINT.

TOTAL	BC132A97D	64						64						
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BC132A97E - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40							40					
RPT	RADIATION PROTECTION	4							4					
TECH	TECHNICIAN	20							20					
TOTAL	BC132A97E	64							64					

BC132A97F - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40							40					
RPT	RADIATION PROTECTION	4							4					
TECH	TECHNICIAN	20							20					
TOTAL	BC132A97F	64							64					

BC132A97G - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40								40				
RPT	RADIATION PROTECTION	4								4				
TECH	TECHNICIAN	20								20				
TOTAL	BC132A97G	64								64				

BC132A97H - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40									40			
RPT	RADIATION PROTECTION	4									4			
TECH	TECHNICIAN	20									20			
TOTAL	BC132A97H	64									64			

BC132A97I - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40										40		
RPT	RADIATION PROTECTION	4										4		
TECH	TECHNICIAN	20										20		
TOTAL	BC132A97I	64										64		

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

TOTAL USAGE FOR MONTH

[illegible]

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 4

TOTAL USAGE FOR MONTH

[illegible]

BC160310E - INSTALLATION OF WES

TOTAL	BC160310E	895	895
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BC160310F - INSTALLATION OF WES

ASSIST	ASSIST PERSON	175	175
ELECTRCH	ELECTRICIAN	240	240
IRONWKR	IRONWORKER	240	240
RPT	RADIATION PROTECTION	200	200
UNDRESSR	UNDRESSER	40	40

TOTAL	BC160310F	895	895
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BC160310G - INSTALLATION OF WES

ASSIST	ASSIST PERSON	175	175
ELECTRN	ELECTRICIAN	240	240
IRONWRK	IRONWORKER	240	240
RPT	RADIATION PROTECTION	200	200
UNDRESSR	UNDRESSER	40	40

TOTAL	BC160310G	895	895
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BC160310H - INSTALLATION OF WES

ASSIST	ASSIST PERSON	175	175
ELECTCN	ELECTRICIAN	240	240
IRONWRK	IRONWORKER	240	240
RPT	RADIATION PROTECTION	200	200
UNDRESSR	UNDRESSER	40	40

TOTAL	BC160310H	895	895
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BC160310I - INSTALLATION OF WES

ASSIST	ASSIST PERSON	175	175
ELECTCN	ELECTRICIAN	240	240
IRONWRK	IRONWORKER	240	240
RPT	RADIATION PROTECTION	200	200
UNDRESSR	UNDRESSER	40	40

TOTAL	BC160310I	895	895
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324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 5

TOTAL USAGE FOR MONTH

ASSIST	ASSIST PERSON	175	175
ELCTCRH	ELECTRICIAN	240	240
IRNMWR	IRONWORKER	240	240
RPT	RADIATION PROTECTION	100	100
UNDRESSR	UNDRESSER	40	40

BATTTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 495
06:36

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 6

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
BC622085D - INSTALL HANDLING/TRANSFER SYSTEM IN AIRLOCK														
TOTAL	BC622085D	795					795							
BC622085E - INSTALL HANDLING/TRANSFER SYSTEM IN AIRLOCK														
ASSIST	ASSIST PERSON	175					175							
ELCTRCH	ELECTRICIAN	240					240							
IRMMKR	IRONWORKER	240					240							
RPT	RADIATION PROTECTION	100					100							
UNDRESSR	UNDRESSER	40					40							
TOTAL	BC622085E	795					795							
BC622085F - INSTALL HANDLING/TRANSFER SYSTEM IN AIRLOCK														
ASSIST	ASSIST PERSON	175					175							
ELCTRCH	ELECTRICIAN	240					240							
IRMMKR	IRONWORKER	240					240							
RPT	RADIATION PROTECTION	100					100							
UNDRESSR	UNDRESSER	40					40							
TOTAL	BC622085F	795					795							
BC622085G - INSTALL HANDLING/TRANSFER SYSTEM IN AIRLOCK														
ASSIST	ASSIST PERSON	175					175							
ELCTRCH	ELECTRICIAN	240					240							
IRMMKR	IRONWORKER	240					240							
RPT	RADIATION PROTECTION	100					100							
UNDRESSR	UNDRESSER	40					40							
TOTAL	BC622085G	795					795							
BC622085H - INSTALL HANDLING/TRANSFER SYSTEM IN AIRLOCK														
ASSIST	ASSIST PERSON	175					175							
ELCTRCH	ELECTRICIAN	240					240							
IRMMKR	IRONWORKER	240					240							
RPT	RADIATION PROTECTION	100					100							
UNDRESSR	UNDRESSER	40					40							
TOTAL	BC622085H	795					795							

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 495
06:36

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 7

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
BC622085I - INSTALL HANDLING/TRANSFER SYSTEM IN AIRLOCK														
ASSIST	ASSIST PERSON	175						175						
ELCTRCN	ELECTRICIAN	240						240						
IRNMWR	IRONWORKER	240						240						
RPT	RADIATION PROTECTION	100						100						
UNDRESSR	UNDRESSER	40						40						

TOTAL	BC622085I	795						795						
BC90025A - INSTALL DUCT CLEANING EQUIP														
ASSIST	ASSIST PERSON	175						175						
ELCTRCN	ELECTRICIAN	240						240						
IRNMWR	IRONWORKER	240						240						
RPT	RADIATION PROTECTION	100						100						
UNDRESSR	UNDRESSER	40						40						

TOTAL	BC90025A	795						795						
BC90025B - INSTALL DUCT CLEANING EQUIP														
ASSIST	ASSIST PERSON	175						175						
ELCTRCN	ELECTRICIAN	240						240						
IRNMWR	IRONWORKER	240						240						
RPT	RADIATION PROTECTION	100						100						
UNDRESSR	UNDRESSER	40						40						

TOTAL	BC90025B	795						795						
BC90025C - INSTALL DUCT CLEANING EQUIP														
ASSIST	ASSIST PERSON	175						175						
ELCTRCN	ELECTRICIAN	240						240						
IRNMWR	IRONWORKER	240						240						
RPT	RADIATION PROTECTION	100						100						
UNDRESSR	UNDRESSER	40						40						

TOTAL	BC90025C	795						795						
BC90025D - INSTALL DUCT CLEANING EQUIP														
ASSIST	ASSIST PERSON	175						175						
ELCTRCN	ELECTRICIAN	240						240						
IRNMWR	IRONWORKER	240						240						
RPT	RADIATION PROTECTION	100						100						
UNDRESSR	UNDRESSER	40						40						

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 495
06:36

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 8

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
BC900250	- INSTALL DUCT CLEANING EQUIP													
TOTAL	BC900250	795						795						
BC90025E	- INSTALL DUCT CLEANING EQUIP													
ASSIST	ASSIST PERSON	175						175						
ELECTRCH	ELECTRICIAN	240						240						
IRMWKR	IRONWORKER	240						240						
RPT	RADIATION PROTECTION	100						100						
UNDRESSR	UNDRESSER	40						40						
TOTAL	BC90025E	795						795						
REPORT TOTAL		19953	64	8119	64	64	4834	6424	64	64	64	64	64	64

1998

Detailed Dose Estimates by Resource - KEH

BATTTELLE PACIFIC KW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 511
08:35

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
ASSIST - ASSIST PERSON (MR) -														
BC160310B	INSTALLATION OF WES	175		175										
BC160310C	INSTALLATION OF WES	175		175										
BC160310D	INSTALLATION OF WES	175		175										
BC160310E	INSTALLATION OF WES	175		175										
BC160310F	INSTALLATION OF WES	175		175										
BC160310G	INSTALLATION OF WES	175		175										
BC160310H	INSTALLATION OF WES	175		175										
BC160310I	INSTALLATION OF WES	175		175										
BC160310J	INSTALLATION OF WES	175		175										
BC622085A	INSTALL HANDLING/TRA	175					175							
BC622085B	INSTALL HANDLING/TRA	175					175							
BC622085C	INSTALL HANDLING/TRA	175					175							
BC622085D	INSTALL HANDLING/TRA	175					175							
BC622085E	INSTALL HANDLING/TRA	175					175							
BC622085F	INSTALL HANDLING/TRA	175					175							
BC622085G	INSTALL HANDLING/TRA	175						175						
BC622085H	INSTALL HANDLING/TRA	175						175						
BC622085I	INSTALL HANDLING/TRA	175						175						
BC90025A	INSTALL DUCT CLEANIN	175						175						
BC90025B	INSTALL DUCT CLEANIN	175						175						
BC90025C	INSTALL DUCT CLEANIN	175						175						
BC90025D	INSTALL DUCT CLEANIN	175						175						
BC90025E	INSTALL DUCT CLEANIN	175						175						
TOTAL	ASSIST	4025		1575			105G	140G						

ELCTRCH - ELECTRICIAN ()

BC132A96Y	CAMERA & EQUIP MAINT	40	40											
BC160310B	INSTALLATION OF WES	240		240										
BC160310C	INSTALLATION OF WES	240		240										
BC160310D	INSTALLATION OF WES	240		240										
BC160310E	INSTALLATION OF WES	240		240										
BC160310F	INSTALLATION OF WES	240		240										
BC160310G	INSTALLATION OF WES	240		240										
BC160310H	INSTALLATION OF WES	240		240										
BC160310I	INSTALLATION OF WES	240		240										
BC160310J	INSTALLATION OF WES	240		240										
BC132A96Z	CAMERA & EQUIP MAINT	40		40										
BC132A97A	CAMERA & EQUIP MAINT	40			40									
BC132A97B	CAMERA & EQUIP MAINT	40				40								
BC622085A	INSTALL HANDLING/TRA	240					240							
BC622085B	INSTALL HANDLING/TRA	240					240							
BC622085C	INSTALL HANDLING/TRA	240					240							
BC132A97C	CAMERA & EQUIP MAINT	40					40							

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 511
08:35

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
ELCTRCN - ELECTRICIAN ()														
BC622085D	INSTALL HANDLING/TRA	240					240							
BC622085E	INSTALL HANDLING/TRA	240					240							
BC622085F	INSTALL HANDLING/TRA	240					240							
BC622085G	INSTALL HANDLING/TRA	240						240						
BC622085H	INSTALL HANDLING/TRA	240						240						
BC132A97D	CAMERA & EQUIP MAINT	40						40						
BC622085I	INSTALL HANDLING/TRA	240						240						
BC90025A	INSTALL DUCT CLEANIN	240						240						
BC90025B	INSTALL DUCT CLEANIN	240						240						
BC90025C	INSTALL DUCT CLEANIN	240						240						
BC90025D	INSTALL DUCT CLEANIN	240						240						
BC90025E	INSTALL DUCT CLEANIN	240						240						
BC132A97E	CAMERA & EQUIP MAINT	40							40					
BC132A97F	CAMERA & EQUIP MAINT	40								40				
BC132A97G	CAMERA & EQUIP MAINT	40									40			
BC132A97H	CAMERA & EQUIP MAINT	40										40		
BC132A97I	CAMERA & EQUIP MAINT	40											40	
BC132A97J	CAMERA & EQUIP MAINT	40												40
TOTAL	ELCTRCN	6000	40	2200	40	40	1480	1960	40	40	40	40	40	40

IRNMWR - IRONWORKER ()

BC160310E	INSTALLATION OF WES	240		240										
BC160310C	INSTALLATION OF WES	240		240										
BC160310D	INSTALLATION OF WES	240		240										
BC160310E	INSTALLATION OF WES	240		240										
BC160310F	INSTALLATION OF WES	240		240										
BC160310G	INSTALLATION OF WES	240		240										
BC160310H	INSTALLATION OF WES	240		240										
BC160310I	INSTALLATION OF WES	240		240										
BC160310J	INSTALLATION OF WES	240		240										
BC622085A	INSTALL HANDLING/TRA	240					240							
BC622085B	INSTALL HANDLING/TRA	240					240							
BC622085C	INSTALL HANDLING/TRA	240					240							
BC622085D	INSTALL HANDLING/TRA	240					240							
BC622085E	INSTALL HANDLING/TRA	240					240							
BC622085F	INSTALL HANDLING/TRA	240					240							
BC622085G	INSTALL HANDLING/TRA	240						240						
BC622085H	INSTALL HANDLING/TRA	240						240						
BC622085I	INSTALL HANDLING/TRA	240						240						
BC90025A	INSTALL DUCT CLEANIN	240						240						
BC90025B	INSTALL DUCT CLEANIN	240						240						
BC90025C	INSTALL DUCT CLEANIN	240						240						
BC90025D	INSTALL DUCT CLEANIN	240						240						

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 511
08:35

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

DATA DATE 29JAN95 PAGE NO. 3

ACT ID	DESC	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
IRONMKR - IRONWORKER ()														
BC90025E	INSTALL DUCT CLEANIN	240						240						
TOTAL	IRONMKR	5520		2160			1440	1920						
RPT - RADIATION PROTECTION TECHNICIAN ()														
BC132A96Y	CAMERA & EQUIP MAINT	4	4											
BC160310B	INSTALLATION OF WES	200		200										
BC160310C	INSTALLATION OF WES	200		200										
BC160310D	INSTALLATION OF WES	200		200										
BC160310E	INSTALLATION OF WES	200		200										
BC160310F	INSTALLATION OF WES	200		200										
BC160310G	INSTALLATION OF WES	200		200										
BC160310H	INSTALLATION OF WES	200		200										
BC160310I	INSTALLATION OF WES	200		200										
BC160310J	INSTALLATION OF WES	200		200										
BC132A96Z	CAMERA & EQUIP MAINT	4		4										
BC132A97A	CAMERA & EQUIP MAINT	4			4									
BC132A97B	CAMERA & EQUIP MAINT	4				4								
BC622085A	INSTALL HANDLING/TRA	100					100							
BC622085B	INSTALL HANDLING/TRA	100					100							
BC622085C	INSTALL HANDLING/TRA	100					100							
BC132A97C	CAMERA & EQUIP MAINT	4					4							
BC622085D	INSTALL HANDLING/TRA	100					100							
BC622085E	INSTALL HANDLING/TRA	100					100							
BC622085F	INSTALL HANDLING/TRA	100					100							
BC622085G	INSTALL HANDLING/TRA	100						100						
BC622085H	INSTALL HANDLING/TRA	100						100						
BC132A97D	CAMERA & EQUIP MAINT	4						4						
BC622085I	INSTALL HANDLING/TRA	100						100						
BC90025A	INSTALL DUCT CLEANIN	100						100						
BC90025B	INSTALL DUCT CLEANIN	100						100						
BC90025C	INSTALL DUCT CLEANIN	100						100						
BC90025D	INSTALL DUCT CLEANIN	100						100						
BC90025E	INSTALL DUCT CLEANIN	100						100						
BC132A97E	CAMERA & EQUIP MAINT	4							4					
BC132A97F	CAMERA & EQUIP MAINT	4								4				
BC132A97G	CAMERA & EQUIP MAINT	4									4			
BC132A97H	CAMERA & EQUIP MAINT	4										4		
BC132A97I	CAMERA & EQUIP MAINT	4											4	
BC132A97J	CAMERA & EQUIP MAINT	4												4
TOTAL	RPT	3248	4	1804	4	4	604	804	4	4	4	4	4	4

BATTTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 511
08:35

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 4

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
TECH - TECHNICIAN ()														
BC132A96Y	CAMERA & EQUIP MAINT	20	20											
BC132A96Z	CAMERA & EQUIP MAINT	20		20										
BC132A97A	CAMERA & EQUIP MAINT	20			20									
BC132A97B	CAMERA & EQUIP MAINT	20				20								
BC132A97C	CAMERA & EQUIP MAINT	20					20							
BC132A97D	CAMERA & EQUIP MAINT	20						20						
BC132A97E	CAMERA & EQUIP MAINT	20							20					
BC132A97F	CAMERA & EQUIP MAINT	20								20				
BC132A97G	CAMERA & EQUIP MAINT	20									20			
BC132A97H	CAMERA & EQUIP MAINT	20										20		
BC132A97I	CAMERA & EQUIP MAINT	20											20	
BC132A97J	CAMERA & EQUIP MAINT	20												20
TOTAL	TECH	240	20	20	20	20	20	20	20	20	20	20	20	20

UNDRESSR - UNDRESSER ()

BC160310B	INSTALLATION OF WES	40		40										
BC160310C	INSTALLATION OF WES	40		40										
BC160310D	INSTALLATION OF WES	40		40										
BC160310E	INSTALLATION OF WES	40		40										
BC160310F	INSTALLATION OF WES	40		40										
BC160310G	INSTALLATION OF WES	40		40										
BC160310H	INSTALLATION OF WES	40		40										
BC160310I	INSTALLATION OF WES	40		40										
BC160310J	INSTALLATION OF WES	40		40										
BC622085A	INSTALL HANDLING/TRA	40					40							
BC622085B	INSTALL HANDLING/TRA	40					40							
BC622085C	INSTALL HANDLING/TRA	40					40							
BC622085D	INSTALL HANDLING/TRA	40					40							
BC622085E	INSTALL HANDLING/TRA	40					40							
BC622085F	INSTALL HANDLING/TRA	40					40							
BC622085G	INSTALL HANDLING/TRA	40						40						
BC622085H	INSTALL HANDLING/TRA	40						40						
BC622085I	INSTALL HANDLING/TRA	40						40						
BC90025A	INSTALL DUCT CLEANIN	40						40						
BC90025B	INSTALL DUCT CLEANIN	40						40						
BC90025C	INSTALL DUCT CLEANIN	40						40						
BC90025D	INSTALL DUCT CLEANIN	40						40						
BC90025E	INSTALL DUCT CLEANIN	40						40						
TOTAL	UNDRESSR	920		360			240	320						

BATTELLE PACIFIC NW LABORATORIES		PRIMAVERA PROJECT PLANNER	324 BLDG. DOSE W/CONTRACTOR RESP
REPORT DATE 07JUL95	RUN NO. 511	RESOURCE LOADING REPORT	START DATE 01OCT94 FIN DATE 30DEC00*
08:35			
RESOURCE LOADING DETAIL - KEH		TOTAL USAGE FOR MONTH	DATA DATE 29JAN95 PAGE NO. 5

ACT ID	DESC	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
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UNDRESSR - UNDRESSR ()

REPORT TOTAL	19953	64	8119	64	64	4834	6424	64	64	64	64	64	64	64
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BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

REPORT DATE 04JUN95 RUN NO. 504
13:49

RESOURCE LOADING REPORT

PHL CRAFTS/HOTCELL OPS ESTIMATES BY YEAR

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1998	FEB 1998	MAR 1998	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEP 1998	OCT 1998	NOV 1998	DEC 1998
CRAFT		13320	110	4990	100	120	3060	3960	110	270	110	110	260	120
HCO		17861	3183	4448	64	472	2164	2632	88	818	2078	88	104	1722
REPORT TOTAL		31181	3293	9438	164	592	5224	6592	198	1088	2188	198	364	1842

Appendix G

1999 Summary Dose by Project/Area

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 540
11:18

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

DETAIL BY PROJECT/AREA

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999
B-CELL -														
BC700103C	SCW LOADOUT #2 - 3RD	230	230											
BC700103I	AIRLOCK CLEANOUT	305	305											
BC700103D	SCW LOADOUT #2 - 4TH	230	230											
BC700103E	SCW LOADOUT #2 - 5TH	230	230											
BC700103F	SCW LOADOUT #2 - 6TH	230	230											
BC132A97K	CAMERA & EQUIP MAINT	64		64										
BC400613	B-CELL MANIPULATOR C	34		34										
BC40094	MANIPULATOR REPAIR	164		164										
BC700103G	SCW LOADOUT #2 - 7TH	230	230											
BC28205	RH11POG FILTER CHANG	100		100										
BC28210	RH11POG FILTER CHANG	100		100										
BC700103H	SCW LOADOUT #2 - 8TH	230	230											
BC700103J	AIRLOCK CLEANOUT	305	305											
BC132A97L	CAMERA & EQUIP MAINT	64		64										
BC400614	B-CELL MANIPULATOR C	34		34										
BC40095	MANIPULATOR REPAIR	164		164										
BC132A97H	CAMERA & EQUIP MAINT	64			64									
BC40096	MANIPULATOR REPAIR	164			164									
BC400615	B-CELL MANIPULATOR C	34				34								
BC132A97N	CAMERA & EQUIP MAINT	64				64								
BC40097	MANIPULATOR REPAIR	164				164								
BC400616	B-CELL MANIPULATOR C	34				34								
BC28206	RH11POG FILTER CHANG	100					100							
BC28211	RH11POG FILTER CHANG	100					100							
BC80040A	LLW CAMPAIGN #10 1ST	230					230							
BC80040B	LLW CAMPAIGN #10 2ND	230					230							
BC80040C	LLW CAMPAIGN #10 3RD	230					230							
BC80040D	LLW CAMPAIGN #10 - 4	230					230							
BC80040G	AIRLOCK CLEANOUT	305					305							
BC80040E	LLW CAMPAIGN #10 - 5	230					230							
BC80040F	LLW CAMPAIGN #10 -6T	230					230							
BC132A97O	CAMERA & EQUIP MAINT	64					64							
BC40098	MANIPULATOR REPAIR	164					164							
BC400617	B-CELL MANIPULATOR C	34						34						
BC80140A	CRANE MAINTENANCE	750						750						
BC80140C	CRANE MAINTENANCE	1050						1050						
BC80140B	CRANE MAINTENANCE	750						750						
BC80040H	AIRLOCK CLEANOUT	305						305						
BC132A97P	CAMERA & EQUIP MAINT	64						64						
BC40099	MANIPULATOR REPAIR	164						164						
BC400618	B-CELL MANIPULATOR C	34						34						
BC80056A	SHIP HEPA FILTER MED	215							215					
BC80056B	SHIP HEPA FILTER MED	215							215					
BC132A97Q	CAMERA & EQUIP MAINT	64							64					
BC40100	MANIPULATOR REPAIR	164							164					

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 540
11:18

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

DETAIL BY PROJECT/AREA

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999
B-CELL -														
BC400619	B-CELL MANIPULATOR C	34								34				
BC132A97R	CAMERA & EQUIP MAINT	64								64				
BC40101	MANIPULATOR REPAIR	164								164				
BC400620	B-CELL MANIPULATOR C	34								34				
BC132A97S	CAMERA & EQUIP MAINT	64									64			
BC40102	MANIPULATOR REPAIR	164									164			
BC400621	B-CELL MANIPULATOR C	34									34			
BC132A97T	CAMERA & EQUIP MAINT	64										64		
BC40103	MANIPULATOR REPAIR	164										164		
BC400622	B-CELL MANIPULATOR C	34										34		
BC132A97U	CAMERA & EQUIP MAINT	64											64	
BC40104	MANIPULATOR REPAIR	164											164	
BC400623	B-CELL MANIPULATOR C	34												34
BC132A97V	CAMERA & EQUIP MAINT	64												64
BC90040A	CRANE MAINTENANCE	750												750
BC400624	B-CELL MANIPULATOR C	34												34
BC40105	MANIPULATOR REPAIR	164												164
BC90040B	CRANE MAINTENANCE	750												750
BC90040C	CRANE MAINTENANCE	1050												1050
BC90040D	AIRLOCK CLEANOUT	305												305
TOTAL	B-CELL	13359	1225	1489	228	296	2113	3151	658	296	262	262	228	3151
REPORT TOTAL														
		13359	1225	1489	228	296	2113	3151	658	296	262	262	228	3151

1999

**Detail by Resource
and Contractor**

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

TOTAL USAGE FOR MONTH

BC132A97K	CAMERA & EQUIP MAINT	40	40
BC132A97L	CAMERA & EQUIP MAINT	40	40
BC132A97H	CAMERA & EQUIP MAINT	40	40

BATTTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 535
11:06

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999
ELCTRCN - ELECTRICIAN ()														
KEH -														
BC132A97N	CAMERA & EQUIP MAINT	40				40								
BC132A97O	CAMERA & EQUIP MAINT	40					40							
BC132A97P	CAMERA & EQUIP MAINT	40						40						
BC132A97Q	CAMERA & EQUIP MAINT	40							40					
BC132A97R	CAMERA & EQUIP MAINT	40								40				
BC132A97S	CAMERA & EQUIP MAINT	40									40			
BC132A97T	CAMERA & EQUIP MAINT	40										40		
BC132A97U	CAMERA & EQUIP MAINT	40											40	
BC132A97V	CAMERA & EQUIP MAINT	40												40
SUBTOTAL KEH		480		80	40	40	40	40	40	40	40	40	40	40
TOTAL ELCTRCN		480		80	40	40	40	40	40	40	40	40	40	40

ENTRY PE - ENTRY PERSON ()

PNL

BC700103C	SCW LOADOUT #2 - 3RD	100	100											
BC700103D	SCW LOADOUT #2 - 4TH	100	100											
BC700103E	SCW LOADOUT #2 - 5TH	100	100											
BC700103F	SCW LOADOUT #2 - 6TH	100	100											
BC700103G	SCW LOADOUT #2 - 7TH	100		100										
BC700103H	SCW LOADOUT #2 - 8TH	100		100										
BC80040A	LLW CAMPAIGN #10 1ST	100					100							
BC80040B	LLW CAMPAIGN #10 2ND	100					100							
BC80040C	LLW CAMPAIGN #10 3RD	100					100							
BC80040D	LLW CAMPAIGN #10 - 4	100					100							
BC80040E	LLW CAMPAIGN #10 - 5	100					100							
BC80040F	LLW CAMPAIGN #10 - 6T	100					100							
BC80056A	SHIP HEPA FILTER MED	100							100					
BC80056B	SHIP HEPA FILTER MED	100							100					
SUBTOTAL PNL		1400	400	200			600		200					
TOTAL ENTRY PE		1400	400	200			600		200					

BATTLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 535
11:06

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999
MLLWRIGHT - MILLWRIGHT ()														
KEH -														
BC80140A	CRANE MAINTENANCE	500						500						
BC80140C	CRANE MAINTENANCE	500						500						
BC80140B	CRANE MAINTENANCE	500						500						
BC90040A	CRANE MAINTENANCE	500											500	
BC90040B	CRANE MAINTENANCE	500											500	
BC90040C	CRANE MAINTENANCE	500											500	
SUBTOTAL KEH		3000						1500					1500	

PHL

BC400613	B-CELL MANIPULATOR C	10		10										
BC40094	MANIPULATOR REPAIR	100		100										
BC28205	RM11POG FILTER CHANG	80		80										
BC28210	RM11POG FILTER CHANG	80		80										
BC400614	B-CELL MANIPULATOR C	10		10										
BC40095	MANIPULATOR REPAIR	100		100										
BC40096	MANIPULATOR REPAIR	100			100									
BC400615	B-CELL MANIPULATOR C	10				10								
BC40097	MANIPULATOR REPAIR	100				100								
BC400616	B-CELL MANIPULATOR C	10				10								
BC28206	RM11POG FILTER CHANG	80					80							
BC28211	RM11POG FILTER CHANG	80					80							
BC40098	MANIPULATOR REPAIR	100					100							
BC400617	B-CELL MANIPULATOR C	10						10						
BC40099	MANIPULATOR REPAIR	100						100						
BC400618	B-CELL MANIPULATOR C	10						10						
BC40100	MANIPULATOR REPAIR	100							100					
BC400619	B-CELL MANIPULATOR C	10								10				
BC40101	MANIPULATOR REPAIR	100								100				
BC400620	B-CELL MANIPULATOR C	10								10				
BC40102	MANIPULATOR REPAIR	100									100			
BC400621	B-CELL MANIPULATOR C	10									10			
BC40103	MANIPULATOR REPAIR	100										100		
BC400622	B-CELL MANIPULATOR C	10										10		
BC40104	MANIPULATOR REPAIR	100											100	
BC400623	B-CELL MANIPULATOR C	10												10
BC400624	B-CELL MANIPULATOR C	10												10
BC40105	MANIPULATOR REPAIR	100												100
SUBTOTAL PHL		1640		380	100	120	260	120	100	120	110	110	100	120

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 535
11:06

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 4

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999
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MLLWRGHT - MILLWRIGHT ()

TOTAL	MLLWRGHT	4640		380	100	120	260	1620	100	120	110	110	100	1620
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RPT - RADIATION PROTECTION TECHNICIAN ()

KEH -

BC132A97K	CAMERA & EQUIP MAINT	4		4										
BC132A97L	CAMERA & EQUIP MAINT	4		4										
BC132A97M	CAMERA & EQUIP MAINT	4			4									
BC132A97N	CAMERA & EQUIP MAINT	4				4								
BC132A97O	CAMERA & EQUIP MAINT	4					4							
BC80140C	CRANE MAINTENANCE	300						300						
BC132A97P	CAMERA & EQUIP MAINT	4						4						
BC132A97Q	CAMERA & EQUIP MAINT	4							4					
BC132A97R	CAMERA & EQUIP MAINT	4								4				
BC132A97S	CAMERA & EQUIP MAINT	4									4			
BC132A97T	CAMERA & EQUIP MAINT	4										4		
BC132A97U	CAMERA & EQUIP MAINT	4											4	
BC132A97V	CAMERA & EQUIP MAINT	4												4
BC90040C	CRANE MAINTENANCE	300												300
SUBTOTAL KEH		648		8	4	4	4	304	4	4	4	4	4	304

PNL

BC700103C	SCW LOADOUT #2 - 3RD	50	50											
BC700103I	AIRLOCK CLEANOUT	75	75											
BC700103D	SCW LOADOUT #2 - 4TH	50	50											
BC700103E	SCW LOADOUT #2 - 5TH	50	50											
BC700103F	SCW LOADOUT #2 - 6TH	50	50											
BC400613	B-CELL MANIPULATOR C	4		4										
BC40094	MANIPULATOR REPAIR	4		4										
BC700103G	SCW LOADOUT #2 - 7TH	50	50											
BC28205	RM11POG FILTER CHANG	10		10										
BC28210	RM11POG FILTER CHANG	10		10										
BC700103H	SCW LOADOUT #2 - 8TH	50	50											
BC700103J	AIRLOCK CLEANOUT	75	75											
BC400614	B-CELL MANIPULATOR C	4		4										
BC40095	MANIPULATOR REPAIR	4		4										
BC40096	MANIPULATOR REPAIR	4			4									
BC400615	B-CELL MANIPULATOR C	4				4								
BC40097	MANIPULATOR REPAIR	4				4								
BC400616	B-CELL MANIPULATOR C	4				4								
BC28206	RM11POG FILTER CHANG	10					10							

10

BATTTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 535
11:06

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 5

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999
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RPT - RADIATION PROTECTION TECHNICIAN ()

PHL

BC28211	RH11POG FILTER CHANG	10					10							
BC80040A	LLW CAMPAIGN #10 1ST	50					50							
BC80040B	LLW CAMPAIGN #10 2ND	50					50							
BC80040C	LLW CAMPAIGN #10 3RD	50					50							
BC80040D	LLW CAMPAIGN #10 - 4	50					50							
BC80040G	AIRLOCK CLEANOUT	75					75							
BC80040E	LLW CAMPAIGN #10 - 5	50					50							
BC80040F	LLW CAMPAIGN #10 -6T	50					50							
BC40098	MANIPULATOR REPAIR	4					4							
BC400617	B-CELL MANIPULATOR C	4						4						
BC80040H	AIRLOCK CLEANOUT	75					75							
BC40099	MANIPULATOR REPAIR	4					4							
BC400618	B-CELL MANIPULATOR C	4					4							
BC80056A	SHIP HEPA FILTER MED	50						50						
BC80056B	SHIP HEPA FILTER MED	50						50						
BC40100	MANIPULATOR REPAIR	4						4						
BC400619	B-CELL MANIPULATOR C	4							4					
BC40101	MANIPULATOR REPAIR	4							4					
BC400620	B-CELL MANIPULATOR C	4							4					
BC40102	MANIPULATOR REPAIR	4								4				
BC400621	B-CELL MANIPULATOR C	4								4				
BC40103	MANIPULATOR REPAIR	4									4			
BC400622	B-CELL MANIPULATOR C	4									4			
BC40104	MANIPULATOR REPAIR	4										4		
BC400623	B-CELL MANIPULATOR C	4											4	
BC400624	B-CELL MANIPULATOR C	4												4
BC40105	MANIPULATOR REPAIR	4												4
BC90040D	AIRLOCK CLEANOUT	75												75
SUBTOTAL PHL		1211	275	211	4	12	399	87	104	12	8	8	4	87

TOTAL	RPT	1859	275	219	8	16	403	391	108	16	12	12	8	391
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TECH - TECHNICIAN ()

KEH -

BC132A97K	CAMERA & EQUIP MAINT	20		20										
BC132A97L	CAMERA & EQUIP MAINT	20		20										
BC132A97H	CAMERA & EQUIP MAINT	20			20									
BC132A97H	CAMERA & EQUIP MAINT	20				20								
BC132A970	CAMERA & EQUIP MAINT	20					20							

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

TOTAL USAGE FOR MONTH

[illegible]

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 535
11:06

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 7

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ACT ID	DESC	TOTAL	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999
TECH	- TECHNICIAN ()													
PHL														
BC40105	MANIPULATOR REPAIR	60												60
BC90040D	AIRLOCK CLEANOUT	175												175
SUBTOTAL	PHL	1875	175	355	60	100	255	275	60	100	80	80	60	275
TOTAL	TECH	2115	175	395	80	120	275	295	80	120	100	100	80	295

UNDRESSR - UNDRRESSR ()

KEH -

BC80140A	CRANE MAINTENANCE	150	150	
8C80140C	CRANE MAINTENANCE	150	150	
BC80140B	CRANE MAINTENANCE	150	150	
8C90040A	CRANE MAINTENANCE	150		150
8C90040B	CRANE MAINTENANCE	150		150
8C90040C	CRANE MAINTENANCE	150		150
SUBTOTAL KEH		900	450	450

PKL

BC700103C	SCW LOADOUT #2 - 3RD	50	50	
BC700103I	AIRLOCK CLEANOUT	25	25	
BC700103D	SCW LOADOUT #2 - 4TH	50	50	
BC700103E	SCW LOADOUT #2 - 5TH	50	50	
BC700103F	SCW LOADOUT, #2 - 6TH	50	50	
BC700103G	SCW LOADOUT #2 - 7TH	50	50	
BC700103H	SCW LOADOUT #2 - 8TH	50	50	
BC700103J	AIRLOCK CLEANOUT	25	25	
BC80040A	LLW CAMPAIGN #10 1ST	50		50
BC80040B	LLW CAMPAIGN #10 2ND	50		50
BC80040C	LLW CAMPAIGN #10 3RD	50		50
BC80040D	LLW CAMPAIGN #10, - 4	50		50
BC80040G	AIRLOCK CLEANOUT	25		25
BC80040E	LLW CAMPAIGN #10 - 5	50		50
BC80040F	LLW CAMPAIGN #10 -6T	50		50
BC80040H	AIRLOCK CLEANOUT	25		25
BC80056A	SHIP HEPA FILTER MED	35		35
BC80056B	SHIP HEPA FILTER MED	35		35
BC90040D	AIRLOCK CLEANOUT	25		25

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 535
11:06

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 8

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999
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UNDRESSR - UNDRESSER ()

PNL

SUBTOTAL PNL

795	225	125					325	25	70					25
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TOTAL

UNDRESSR

1695	225	125					325	475	70					475
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REPORT TOTAL

13359	1225	1489	228	296	2113	3151	658	296	262	262	228	3151
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1999

Detailed Dose Estimates by Activity - PNL

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

TOTAL USAGE FOR MONTH

[illegible]

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 520
09:21

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

DATA DATE 29JAN95 PAGE NO. 2

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999

BC400614	- B-CELL MANIPULATOR CHANGE													

TOTAL	BC400614	34		34										

BC400615	- B-CELL MANIPULATOR CHANGE													
MLLWRGHT	MILLWRIGHT	10				10								
RPT	RADIATION PROTECTION	4				4								
TECH	TECHNICIAN	20				20								

TOTAL	BC400615	34				34								

BC400616	- B-CELL MANIPULATOR CHANGE													
MLLWRGHT	MILLWRIGHT	10				10								
RPT	RADIATION PROTECTION	4				4								
TECH	TECHNICIAN	20				20								

TOTAL	BC400616	34				34								

BC400617	- B-CELL MANIPULATOR CHANGE													
MLLWRGHT	MILLWRIGHT	10					10							
RPT	RADIATION PROTECTION	4					4							
TECH	TECHNICIAN	20					20							

TOTAL	BC400617	34					34							

BC400618	- B-CELL MANIPULATOR CHANGE													
MLLWRGHT	MILLWRIGHT	10					10							
RPT	RADIATION PROTECTION	4					4							
TECH	TECHNICIAN	20					20							

TOTAL	BC400618	34					34							

BC400619	- B-CELL MANIPULATOR CHANGE													
MLLWRGHT	MILLWRIGHT	10							10					
RPT	RADIATION PROTECTION	4							4					
TECH	TECHNICIAN	20							20					

TOTAL	BC400619	34							34					

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

TOTAL USAGE FOR MONTH

[illegible]

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 520
09:21

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO 4

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999
BC40094	- MANIPULATOR REPAIR													
TOTAL	BC40094	164		164										
BC40095	- MANIPULATOR REPAIR													
MLLWRGHT	MILLWRIGHT	100		100										
RPT	RADIATION PROTECTION	4		4										
TECH	TECHNICIAN	60		60										
TOTAL	BC40095	164		164										
BC40096	- MANIPULATOR REPAIR													
MLLWRGHT	MILLWRIGHT	100			100									
RPT	RADIATION PROTECTION	4			4									
TECH	TECHNICIAN	60			60									
TOTAL	BC40096	164			164									
BC40097	- MANIPULATOR REPAIR													
MLLWRGHT	MILLWRIGHT	100				100								
RPT	RADIATION PROTECTION	4				4								
TECH	TECHNICIAN	60				60								
TOTAL	BC40097	164				164								
BC40098	- MANIPULATOR REPAIR													
MLLWRGHT	MILLWRIGHT	100					100							
RPT	RADIATION PROTECTION	4					4							
TECH	TECHNICIAN	60					60							
TOTAL	BC40098	164					164							
BC40099	- MANIPULATOR REPAIR													
MLLWRGHT	MILLWRIGHT	100						100						
RPT	RADIATION PROTECTION	4						4						
TECH	TECHNICIAN	60						60						
TOTAL	BC40099	164						164						

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 5

TOTAL USAGE FOR MONTH

			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
RESOURCE	RESOURCE DESCRIPTION	TOTAL	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999

BC40100	- MANIPULATOR REPAIR													
MILLWRGHT	MILLWRIGHT	100							100					
RPT	RADIATION PROTECTION	4							4					
TECH	TECHNICIAN	60							60					

TOTAL	BC40100	164							164					

BC40101	- MANIPULATOR REPAIR													
MILLWRGHT	MILLWRIGHT	100							100					
RPT	RADIATION PROTECTION	4							4					
TECH	TECHNICIAN	60							60					

TOTAL	BC40101	164							164					

BC40102	- MANIPULATOR REPAIR													
MILLWRGHT	MILLWRIGHT	100								100				
RPT	RADIATION PROTECTION	4								4				
TECH	TECHNICIAN	60								60				

TOTAL	BC40102	164								164				

BC40103	- MANIPULATOR REPAIR													
MILLWRGHT	MILLWRIGHT	100									100			
RPT	RADIATION PROTECTION	4									4			
TECH	TECHNICIAN	60									60			

TOTAL	BC40103	164									164			

BC40104	- MANIPULATOR REPAIR													
MILLWRGHT	MILLWRIGHT	100											100	
RPT	RADIATION PROTECTION	4											4	
TECH	TECHNICIAN	60											60	

TOTAL	BC40104	164											164	

BC40105	- MANIPULATOR REPAIR													
MILLWRGHT	MILLWRIGHT	100												100
RPT	RADIATION PROTECTION	4												4
TECH	TECHNICIAN	60												60

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 520
09:21

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 6

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999
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BC40105 - MANIPULATOR REPAIR

TOTAL	BC40105	164												164
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BC700103C - SCW LOADOUT #2 - 3RD SHIPMENT

ASSIST	ASSIST PERSON	30	30
ENTRY PE	ENTRY PERSON	100	100
RPT	RADIATION PROTECTION	50	50
UNDRESSR	UNDRESSER	50	50

TOTAL	BC700103C	230	230
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BC700103D - SCW LOADOUT #2 - 4TH SHIPMENT

ASSIST	ASSIST PERSON	30	30
ENTRY PE	ENTRY PERSON	100	100
RPT	RADIATION PROTECTION	50	50
UNDRESSR	UNDRESSER	50	50

TOTAL	BC700103D	230	230
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BC700103E - SCW LOADOUT #2 - 5TH SHIPMENT

ASSIST	ASSIST PERSON	30	30
ENTRY PE	ENTRY PERSON	100	100
RPT	RADIATION PROTECTION	50	50
UNDRESSR	UNDRESSER	50	50

TOTAL	BC700103E	230	230
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BC700103F - SCW LOADOUT #2 - 6TH SHIPMENT

ASSIST	ASSIST PERSON	30	30
ENTRY PE	ENTRY PERSON	100	100
RPT	RADIATION PROTECTION	50	50
UNDRESSR	UNDRESSER	50	50

TOTAL	BC700103F	230	230
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BC700103G - SCW LOADOUT #2 - 7TH SHIPMENT

ASSIST	ASSIST PERSON	30	30
ENTRY PE	ENTRY PERSON	100	100
RPT	RADIATION PROTECTION	50	50
UNDRESSR	UNDRESSER	50	50

BATTTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 520
09:21

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 7

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999
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BC700103G - SCW LOADOUT #2 - 7TH SHIPMENT

TOTAL	BC700103G	230		230										
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BC700103H - SCW LOADOUT #2 - 8TH SHIPMENT

ASSIST	ASSIST PERSON	30		30										
ENTRY PE	ENTRY PERSON	100		100										
RPT	RADIATION PROTECTION	50		50										
UNDRESSR	UNDRESSER	50		50										

TOTAL	BC700103H	230		230										
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BC700103I - AIRLOCK CLEANOUT

ASSIST	ASSIST PERSON	30		30										
RPT	RADIATION PROTECTION	75		75										
TECH	TECHNICIAN	175		175										
UNDRESSR	UNDRESSER	25		25										

TOTAL	BC700103I	305		305										
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BC700103J - AIRLOCK CLEANOUT

ASSIST	ASSIST PERSON	30		30										
RPT	RADIATION PROTECTION	75		75										
TECH	TECHNICIAN	175		175										
UNDRESSR	UNDRESSER	25		25										

TOTAL	BC700103J	305		305										
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BC80040A - LLW CAMPAIGN #10 1ST SHIPMENT

ASSIST	ASSIST PERSON	30					30							
ENTRY PE	ENTRY PERSON	100					100							
RPT	RADIATION PROTECTION	50					50							
UNDRESSR	UNDRESSER	50					50							

TOTAL	BC80040A	230					230							
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BC80040B - LLW CAMPAIGN #10 2ND SHIPMENT

ASSIST	ASSIST PERSON	30					30							
ENTRY PE	ENTRY PERSON	100					100							
RPT	RADIATION PROTECTION	50					50							
UNDRESSR	UNDRESSER	50					50							

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 520
09:21

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 8

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999

BC80040B	- LLW CAMPAIGN #10 2ND SHIPMENT													

TOTAL	BC80040B	230					230							

BC80040C	- LLW CAMPAIGN #10 3RD SHIPMENT													
ASSIST	ASSIST PERSON	30					30							
ENTRY PE	ENTRY PERSON	100					100							
RPT	RADIATION PROTECTION	50					50							
UNDRESSR	UNDRESSER	50					50							

TOTAL	BC80040C	230					230							

BC80040D	- LLW CAMPAIGN #10 - 4TH SHIPMENT													
ASSIST	ASSIST PERSON	30					30							
ENTRY PE	ENTRY PERSON	100					100							
RPT	RADIATION PROTECTION	50					50							
UNDRESSR	UNDRESSER	50					50							

TOTAL	BC80040D	230					230							

BC80040E	- LLW CAMPAIGN #10 - 5TH SHIPMENT													
ASSIST	ASSIST PERSON	30					30							
ENTRY PE	ENTRY PERSON	100					100							
RPT	RADIATION PROTECTION	50					50							
UNDRESSR	UNDRESSER	50					50							

TOTAL	BC80040E	230					230							

BC80040F	- LLW CAMPAIGN #10 -6TH SHIPMENT													
ASSIST	ASSIST PERSON	30					30							
ENTRY PE	ENTRY PERSON	100					100							
RPT	RADIATION PROTECTION	50					50							
UNDRESSR	UNDRESSER	50					50							

TOTAL	BC80040F	230					230							

BC80040G	- AIRLOCK CLEANOUT													
ASSIST	ASSIST PERSON	30					30							
RPT	RADIATION PROTECTION	75					75							
TECH	TECHNICIAN	175					175							
UNDRESSR	UNDRESSER	25					25							

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 520
09:21

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 9

RESOURCE LOADING DETAIL - PHL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999
BC80040G	- AIRLOCK CLEANOUT													
TOTAL	BC80040G	305					305							
BC80040H	- AIRLOCK CLEANOUT													
ASSIST	ASSIST PERSON	30						30						
RPT	RADIATION PROTECTION	75						75						
TECH	TECHNICIAN	175						175						
UNDRESSR	UNDRESSER	25						25						
TOTAL	BC80040H	305						305						
BC80056A	- SHIP HEPA FILTER MEDIA													
ASSIST	ASSIST PERSON	30						30						
ENTRY PE	ENTRY PERSON	100						100						
RPT	RADIATION PROTECTION	50						50						
UNDRESSR	UNDRESSER	35						35						
TOTAL	BC80056A	215						215						
BC80056B	- SHIP HEPA FILTER MEDIA													
ASSIST	ASSIST PERSON	30						30						
ENTRY PE	ENTRY PERSON	100						100						
RPT	RADIATION PROTECTION	50						50						
UNDRESSR	UNDRESSER	35						35						
TOTAL	BC80056B	215						215						
BC90040D	- AIRLOCK CLEANOUT													
ASSIST	ASSIST PERSON	30												30
RPT	RADIATION PROTECTION	75												75
TECH	TECHNICIAN	175												175
UNDRESSR	UNDRESSER	25												25
TOTAL	BC90040D	305												305
REPORT TOTAL		7491	1225	1361	164	232	2049	537	594	232	198	198	164	537

1999

Detailed Dose Estimates by Resource - PNL

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

TOTAL USAGE FOR MONTH

BC700103C	SCW LOADOUT #2 - 3RD	100	100			
C700103D	SCW LOADOUT #2 - 4TH	100	100			
2C700103E	SCW LOADOUT #2 - 5TH	100	100			
BC700103F	SCW LOADOUT #2 - 6TH	100	100			
BC700103G	SCW LOADOUT #2 - 7TH	100		100		
BC700103H	SCW LOADOUT #2 - 8TH	100		100		
BC80040A	LLW CAMPAIGN #10 1ST	100			100	
BC80040B	LLW CAMPAIGN #10 2ND	100			100	
BC80040C	LLW CAMPAIGN #10 3RD	100			100	
BC80040D	LLW CAMPAIGN #10 - 4	100			100	
BC80040E	LLW CAMPAIGN #10 - 5	100			100	
BC80040F	LLW CAMPAIGN #10 -6T	100			100	
BC80056A	SHIP HEPA FILTER MED	100				100
BC80056B	SHIP HEPA FILTER MED	100				100
TOTAL	ENTRY PE	1400	400	200	600	200

BC400613	B-CELL MANIPULATOR C	10	10
BC40094	MANIPULATOR REPAIR	100	100

BATTELLE PACIFIC NW LABORATORIES PRIMAVERA PROJECT PLANNER 324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 490 RESOURCE LOADING REPORT START DATE 01OCT94 FIN DATE 30DEC00*
06:28

DATA DATE 29JAN95 PAGE NO. 2

RESOURCE LOADING DETAIL - PNL TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999
MLLWRGHT - MILLWRIGHT ()														
BC28205	RM11POG FILTER CHANG	80		80										
BC28210	RM11POG FILTER CHANG	80		80										
BC400614	B-CELL MANIPULATOR C	10		10										
BC40095	MANIPULATOR REPAIR	100		100										
BC40096	MANIPULATOR REPAIR	100			100									
BC400615	B-CELL MANIPULATOR C	10				10								
BC40097	MANIPULATOR REPAIR	100				100								
BC400616	B-CELL MANIPULATOR C	10				10								
BC28206	RM11POG FILTER CHANG	80					80							
BC28211	RM11POG FILTER CHANG	80					80							
BC40098	MANIPULATOR REPAIR	100					100							
BC400617	B-CELL MANIPULATOR C	10						10						
BC40099	MANIPULATOR REPAIR	100						100						
BC400618	B-CELL MANIPULATOR C	10						10						
BC40100	MANIPULATOR REPAIR	100							100					
BC400619	B-CELL MANIPULATOR C	10								10				
BC40101	MANIPULATOR REPAIR	100								100				
BC400620	B-CELL MANIPULATOR C	10								10				
BC40102	MANIPULATOR REPAIR	100									100			
BC400621	B-CELL MANIPULATOR C	10									10			
BC40103	MANIPULATOR REPAIR	100										100		
BC400622	B-CELL MANIPULATOR C	10										10		
BC40104	MANIPULATOR REPAIR	100											100	
BC400623	B-CELL MANIPULATOR C	10												10
BC400624	B-CELL MANIPULATOR C	10												10
BC40105	MANIPULATOR REPAIR	100												100
TOTAL	MLLWRGHT	1640		380	100	120	260	120	100	120	110	110	100	120

RPT - RADIATION PROTECTION TECHNICIAN ()

BC700103C	SCW LOADOUT #2 - 3RD	50	50
BC700103I	AIRLOCK CLEANOUT	75	75
BC700103D	SCW LOADOUT #2 - 4TH	50	50
BC700103E	SCW LOADOUT #2 - 5TH	50	50
BC700103F	SCW LOADOUT #2 - 6TH	50	50
BC400613	B-CELL MANIPULATOR C	4	4
BC40094	MANIPULATOR REPAIR	4	4
BC700103G	SCW LOADOUT #2 - 7TH	50	50
BC28205	RM11POG FILTER CHANG	10	10
BC28210	RM11POG FILTER CHANG	10	10
BC700103H	SCW LOADOUT #2 - 8TH	50	50
BC700103J	AIRLOCK CLEANOUT	75	75
BC400614	B-CELL MANIPULATOR C	4	4
BC40095	MANIPULATOR REPAIR	4	4

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

TECH - TECHNICIAN ()

BC700103I	AIRLOCK CLEANOUT	175	175
BC400613	B-CELL MANIPULATOR C	20	20
BC40094	MANIPULATOR REPAIR	60	60
BC28205	RMIPOG FILTER CHANG	10	10
BC28210	RMIPOG FILTER CHANG	10	10
BC700103J	ATRLOCK CLEANOUT	175	175
BC400614	B-CELL MANIPULATOR C	20	20

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 490
06:28

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 4

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999
TECH	- TECHNICIAN ()													
BC40095	MANIPULATOR REPAIR	60		60										
BC40096	MANIPULATOR REPAIR	60			60									
BC400615	B-CELL MANIPULATOR C	20				20								
BC40097	MANIPULATOR REPAIR	60				60								
BC400616	B-CELL MANIPULATOR C	20				20								
BC28206	RM11POG FILTER CHANG	10					10							
BC28211	RM11POG FILTER CHANG	10					10							
BC80040G	AIRLOCK CLEANOUT	175					175							
BC40098	MANIPULATOR REPAIR	60					60							
BC400617	B-CELL MANIPULATOR C	20						20						
BC80040H	AIRLOCK CLEANOUT	175						175						
BC40099	MANIPULATOR REPAIR	60						60						
BC400618	B-CELL MANIPULATOR C	20						20						
BC40100	MANIPULATOR REPAIR	60							60					
BC400619	B-CELL MANIPULATOR C	20								20				
BC40101	MANIPULATOR REPAIR	60								60				
BC400620	B-CELL MANIPULATOR C	20								20				
BC40102	MANIPULATOR REPAIR	60									60			
BC400621	B-CELL MANIPULATOR C	20									20			
BC40103	MANIPULATOR REPAIR	60										60		
BC400622	B-CELL MANIPULATOR C	20										20		
BC40104	MANIPULATOR REPAIR	60											60	
BC400623	B-CELL MANIPULATOR C	20												20
BC400624	B-CELL MANIPULATOR C	20												20
BC40105	MANIPULATOR REPAIR	60												60
BC90040D	AIRLOCK CLEANOUT	175												175
TOTAL	TECH	1875	175	355	60	100	255	275	60	100	80	80	60	275

UNDRESSR - UNDRRESSER ()

BC700103C	SCW LOADOUT #2 - 3RD	50	50											
BC700103I	AIRLOCK CLEANOUT	25	25											
BC700103D	SCW LOADOUT #2 - 4TH	50	50											
BC700103E	SCW LOADOUT #2 - 5TH	50	50											
BC700103F	SCW LOADOUT #2 - 6TH	50	50											
BC700103G	SCW LOADOUT #2 - 7TH	50		50										
BC700103H	SCW LOADOUT #2 - 8TH	50		50										
BC700103J	AIRLOCK CLEANOUT	25		25										
BC80040A	LLW CAMPAIGN #10 1ST	50					50							
BC80040B	LLW CAMPAIGN #10 2ND	50					50							
BC80040C	LLW CAMPAIGN #10 3RD	50					50							
BC80040D	LLW CAMPAIGN #10 - 4	50					50							
BC80040G	AIRLOCK CLEANOUT	25					25							
BC80040E	LLW CAMPAIGN #10 - 5	50					50							

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 490
06:28

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 5

RESL -- LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999
UNDRESSR - UNDRESSR ()														
BC80040F	LLW CAMPAIGN #10 -6T	50					50							
BC80040H	AIRLOCK CLEANOUT	25						25						
BC80056A	SHIP HEPA FILTER MED	35							35					
BC80056B	SHIP HEPA FILTER MED	35							35					
BC90040D	AIRLOCK CLEANOUT	25											25	
TOTAL	UNDRESSR	795	225	125			325	25	70					25
REPORT TOTAL														
		7491	1225	1361	164	232	2049	537	594	232	198	198	164	537

1999

Detailed Dose Estimates by Activity - KEH

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 496
06:37

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999
BC132A97K - CAMERA & EQUIP MAINT.														
ELCTRCN	ELECTRICIAN	40		40										
RPT	RADIATION PROTECTION	4		4										
TECH	TECHNICIAN	20		20										
TOTAL	BC132A97K	64		64										
BC132A97L - CAMERA & EQUIP MAINT.														
ELCTRCN	ELECTRICIAN	40		40										
RPT	RADIATION PROTECTION	4		4										
TECH	TECHNICIAN	20		20										
TOTAL	BC132A97L	64		64										
BC132A97H - CAMERA & EQUIP MAINT.														
ELCTRCN	ELECTRICIAN	40			40									
RPT	RADIATION PROTECTION	4			4									
TECH	TECHNICIAN	20			20									
TOTAL	BC132A97H	64			64									
BC132A97N - CAMERA & EQUIP MAINT.														
ELCTRCN	ELECTRICIAN	40				40								
RPT	RADIATION PROTECTION	4				4								
TECH	TECHNICIAN	20				20								
TOTAL	BC132A97N	64				64								
BC132A97O - CAMERA & EQUIP MAINT.														
ELCTRCN	ELECTRICIAN	40					40							
RPT	RADIATION PROTECTION	4					4							
TECH	TECHNICIAN	20					20							
TOTAL	BC132A97O	64					64							
BC132A97P - CAMERA & EQUIP MAINT.														
ELCTRCN	ELECTRICIAN	40						40						
RPT	RADIATION PROTECTION	4						4						
TECH	TECHNICIAN	20						20						

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 496
06:37

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

DATA DATE 29JAN95 PAGE NO. 2

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999
----------	----------------------	-------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

BC132A97P - CAMERA & EQUIP MAINT.

TOTAL	BC132A97P	64							64					
-------	-----------	----	--	--	--	--	--	--	----	--	--	--	--	--

BC132A97Q - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40							40					
RPT	RADIATION PROTECTION	4							4					
TECH	TECHNICIAN	20							20					
TOTAL	BC132A97Q	64							64					

BC132A97R - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40							40					
RPT	RADIATION PROTECTION	4							4					
TECH	TECHNICIAN	20							20					
TOTAL	BC132A97R	64							64					

BC132A97S - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40							40					
RPT	RADIATION PROTECTION	4							4					
TECH	TECHNICIAN	20							20					
TOTAL	BC132A97S	64							64					

BC132A97T - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40							40					
RPT	RADIATION PROTECTION	4							4					
TECH	TECHNICIAN	20							20					
TOTAL	BC132A97T	64							64					

BC132A97U - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40							40					
RPT	RADIATION PROTECTION	4							4					
TECH	TECHNICIAN	20							20					
TOTAL	BC132A97U	64							64					

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

TOTAL USAGE FOR MONTH

			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
RESOURCE	RESOURCE DESCRIPTION	TOTAL	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999
<hr/>														
BC132A97V	- CAMERA & EQUIP MAINT.													
ELCTRCH	ELECTRICIAN	40												40
RPT	RADIATION PROTECTION	4												4
TECH	TECHNICIAN	20												20
<hr/>														
TOTAL	BC132A97V	64												64
<hr/>														
BC80140A	- CRANE MAINTENANCE													
ASSIST	ASSIST PERSON	100						100						
MILLWRGHT	MILLWRIGHT	500						500						
UNDRESSR	UNDRESSER	150						150						
<hr/>														
TOTAL	BC80140A	750						750						
<hr/>														
BC80140B	- CRANE MAINTENANCE													
ASSIST	ASSIST PERSON	100						100						
MILLWRGHT	MILLWRIGHT	500						500						
UNDRESSR	UNDRESSER	150						150						
<hr/>														
TOTAL	BC80140B	750						750						
<hr/>														
BC80140C	- CRANE MAINTENANCE													
ASSIST	ASSIST PERSON	100						100						
MILLWRGHT	MILLWRIGHT	500						500						
RPT	RADIATION PROTECTION	300						300						
UNDRESSR	UNDRESSER	150						150						
<hr/>														
TOTAL	BC80140C	1050						1050						
<hr/>														
BC90040A	- CRANE MAINTENANCE													
ASSIST,	ASSIST PERSON	100												100
MILLWRGHT	MILLWRIGHT	500												500
UNDRESSR	UNDRESSER	150												150
<hr/>														
TOTAL	BC90040A	750												750
<hr/>														
BC90040B	- CRANE MAINTENANCE													
ASSIST	ASSIST PERSON	100												100
MILLWRGHT	MILLWRIGHT	500												500
UNDRESSR	UNDRESSER	150												150
<hr/>														

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 496
06:37

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 4

RESOURCE LOADING DETAIL - KE4

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999
BC90040B	- CRANE MAINTENANCE													
TOTAL	BC90040B	750												750
BC90040C	- CRANE MAINTENANCE													
ASSIST	ASSIST PERSON	100												100
MILLWRIGHT	MILLWRIGHT	500												500
RPT	RADIATION PROTECTION	300												300
UNDRESSR	UNDRESSER	150												150
TOTAL	BC90040C	1050												1050
REPORT TOTAL		5868		128	64	64	64	2614	64	64	64	64	64	2614

1999

Detailed Dose Estimates by Resource - KEH

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 512
08:37

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

SOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999
ASSIST - ASSIST PERSON (MR)														
BC80140A	CRANE MAINTENANCE	100						100						
BC80140C	CRANE MAINTENANCE	100						100						
BC80140B	CRANE MAINTENANCE	100						100						
BC90040A	CRANE MAINTENANCE	100											100	
BC90040B	CRANE MAINTENANCE	100											100	
BC90040C	CRANE MAINTENANCE	100											100	
TOTAL	ASSIST	600						300						300

ELCTRCH - ELECTRICIAN ()

ACT ID	DESC	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999
BC132A97K	CAMERA & EQUIP MAINT	40		40										
BC132A97L	CAMERA & EQUIP MAINT	40		40										
BC132A97H	CAMERA & EQUIP MAINT	40			40									
BC132A97H	CAMERA & EQUIP MAINT	40				40								
BC132A97D	CAMERA & EQUIP MAINT	40					40							
BC132A97P	CAMERA & EQUIP MAINT	40						40						
BC132A97Q	CAMERA & EQUIP MAINT	40							40					
BC132A97R	CAMERA & EQUIP MAINT	40								40				
BC132A97S	CAMERA & EQUIP MAINT	40									40			
BC132A97T	CAMERA & EQUIP MAINT	40										40		
BC132A97U	CAMERA & EQUIP MAINT	40											40	
BC132A97V	CAMERA & EQUIP MAINT	40												40
TOTAL	ELCTRCH	480		80	40	40	40	40	40	40	40	40	40	40

MLLWRIGHT - MILLWRIGHT ()

ACT ID	DESC	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999
BC80140A	CRANE MAINTENANCE	500						500						
BC80140C	CRANE MAINTENANCE	500						500						
BC80140B	CRANE MAINTENANCE	500						500						
BC90040A	CRANE MAINTENANCE	500											500	
BC90040B	CRANE MAINTENANCE	500											500	
BC90040C	CRANE MAINTENANCE	500											500	
TOTAL	MLLWRIGHT	3000						1500						1500

RPT - RADIATION PROTECTION TECHNICIAN ()

ACT ID	DESC	TOTAL	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999
BC132A97K	CAMERA & EQUIP MAINT	4		4										
BC132A97L	CAMERA & EQUIP MAINT	4		4										
BC132A97H	CAMERA & EQUIP MAINT	4			4									
BC132A97H	CAMERA & EQUIP MAINT	4				4								
BC132A97D	CAMERA & EQUIP MAINT	4					4							
BC80140C	CRANE MAINTENANCE	300						300						

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

TOTAL USAGE FOR MONTH

TECH - TECHNICIAN ()

UNDRESSR - UNDRESSER ()

REPORT TOTAL	5868	128	64	64	64	2614	64	64	64	64	64	2614
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Appendix H

2000 Summary Dose by Project/Area

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 541
11:19

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

DETAIL BY PROJECT/AREA

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
B-CELL -														
BC132A97W	CAMERA & EQUIP MAINT	64	64											
BC400625	B-CELL MANIPULATOR C	34	34											
BC40106	MANIPULATOR REPAIR	164	164											
BC132A97X	CAMERA & EQUIP MAINT	64		64										
BC400626	B-CELL MANIPULATOR C	34		34										
BC40107	MANIPULATOR REPAIR	164		164										
BC90070A	LLW CAMPAIGN #11	230			230									
BC90070B	LLW CAMPAIGN #11	230			230									
BC90070C	LLW CAMPAIGN #11	230			230									
BC90070D	AIRLOCK CLEANOUT	305			305									
BC132A97Y	CAMERA & EQUIP MAINT	64			64									
BC40108	MANIPULATOR REPAIR	164			164									
BC400627	B-CELL MANIPULATOR C	34			34									
BC132A97Z	CAMERA & EQUIP MAINT	64				64								
BC40109	MANIPULATOR REPAIR	164				164								
BC400628	B-CELL MANIPULATOR C	34				34								
BC132A98A	CAMERA & EQUIP MAINT	64					64							
BC40110	MANIPULATOR REPAIR	164					164							
BC400629	B-CELL MANIPULATOR C	34					34							
BC132A98B	CAMERA & EQUIP MAINT	64						64						
BC40111	MANIPULATOR REPAIR	164						164						
BC400630	B-CELL MANIPULATOR C	34						34						
BC132A98C	CAMERA & EQUIP MAINT	64							64					
BC40112	MANIPULATOR REPAIR	164							164					
BC400631	B-CELL MANIPULATOR C	34							34					
BC132A98D	CAMERA & EQUIP MAINT	64								64				
BC40113	MANIPULATOR REPAIR	164								164				
BC80047A	PKG RM INTO OVERPAC	230								230				
BC80047B	PKG RM INTO OVERPAC	230								230				
BC80047C	PKG RM INTO OVERPAC	230								230				
BC80047D	PKG RM INTO OVERPAC	230								230				
BC80047E	PKG RM INTO OVERPAC	230								230				
BC80047U	AIRLOCK CLEANOUT	305								305				
BC400632	B-CELL MANIPULATOR C	34								34				
BC80047F	PKG RM INTO OVERPAC	230								230				
BC80047G	PKG RM INTO OVERPAC	230								230				
BC80047H	PKG RM INTO OVERPAC	230									230			
BC80047I	PKG RM INTO OVERPAC	230									230			
BC80047V	AIRLOCK CLEANOUT	305									305			
BC80047J	PKG RM INTO OVERPAC	230									230			
BC132A98E	CAMERA & EQUIP MAINT	64									64			
BC80047K	PKG RM INTO OVERPAC	230									230			
BC80047L	PKG RM INTO OVERPAC	230									230			
BC80047M	PKG RM INTO OVERPAC	230									230			
BC80047W	AIRLOCK CLEANOUT	305									305			

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
B-CELL -														
BC80047N	PKG RMW INTO OVERPAC	230									230			
BC80047O	PKG RMW INTO OVERPAC	230										230		
BC80047P	PKG RMW INTO OVERPAC	230										230		
BC80047Q	PKG RMW INTO OVERPAC	230										230		
BC80047X	AIRLOCK CLEANOUT	305										305		
BC40114	MANIPULATOR REPAIR	164										164		
BC80047R	PKG RMW INTO OVERPAC	230										230		
BC80047S	PKG RMW INTO OVERPAC	230										230		
BC80047T	PKG RMW INTO OVERPAC	230										230		
BC80047Y	ATRLOCK CLEANOUT	305										305		
BC400633	B-CELL MANIPULATOR C	34									34			
BC132A98F	CAMERA & EQUIP MAINT	64											64	
BC80051A	PKG RMW INTO OVERPAC	230										230		
BC80051B	PKG RMW INTO OVERPAC	230										230		
BC80053A	LLW CAMPAIGN #12 - 1	230										230		
BC80051C	PKG RMW INTO OVERPAC	230										230		
BC80053B	LLW CAMPAIGN #12 - 2	230										230		
BC40115	MANIPULATOR REPAIR	164										164		
BC80051D	PKG RMW INTO OVERPAC	230										230		
BC80053C	LLW CAMPAIGN #12 - 3	230										230		
BC80051U	AIRLOCK CLEANOUT	305										305		
BC80053D	LLW CAMPAIGN #12 - 4	230										230		
BC80051E	PKG RMW INTO OVERPAC	230										230		
BC80053E	AIRLOCK CLEANOUT	305										305		
BC80051F	PKG RMW INTO OVERPAC	230										230		
BC80053F	LLW CAMPAIGN #12 - 5	230										230		
BC80051G	PKG RMW INTO OVERPAC	230										230		
BC80053G	LLW CAMPAIGN #12 - 6	230										230		
BC80051H	PKG RMW INTO OVERPAC	230										230		
BC80053H	LLW CAMPAIGN #12 - 7	230										230		
BC80051I	PKG RMW INTO OVERPAC	230										230		
BC80053I	AIRLOCK CLEANOUT	460										460		
BC400634	B-CELL MANIPULATOR C	34										34		
BC80051V	AIRLOCK CLEANOUT	305										305		
BC80051J	PKG RMW INTO OVERPAC	230										230		
BC80051K	PKG RMW INTO OVERPAC	230										230		
BC80051L	PKG RMW INTO OVERPAC	230										230		
BC80051M	PKG RMW INTO OVERPAC	230										230		
BC80051W	AIRLOCK CLEANOUT	305											305	
BC80051N	PKG RMW INTO OVERPAC	230											230	
BC80051O	PKG RMW INTO OVERPAC	230											230	
BC80051P	PKG RMW INTO OVERPAC	230											230	
BC80051Q	PKG RMW INTO OVERPAC	230											230	
BC132A98G	CAMERA & EQUIP MAINT	64											64	
BC80051X	ATRLOCK CLEANOUT	305											305	

BATTTELLE PACIFIC HW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 541
11:19

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00

DATA DATE 29JAN95 PAGE NO. 3

DETAIL BY PROJECT/AREA

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
B-CELL -														
BC80051R	PKG RMW INTO OVERPAC	230											230	
BC80051S	PKG RMW INTO OVERPAC	230											230	
BC80051T	PKG RMW INTO OVERPAC	230											230	
BC80051Y	AIRLOCK CLEANOUT	305											305	
BC40116	MANIPULATOR REPAIR	164											164	
BC400635	B-CELL MANIPULATOR C	34											34	
BC132A96H	CAMERA & EQUIP MAINT	64												64
BC400636	B-CELL MANIPULATOR C	34												34
BC40117	MANIPULATOR REPAIR	164												164
TOTAL	B-CELL	18764	262	262	1257	262	262	262	262	2177	4472	6237	2787	262
REPORT TOTAL		18764	262	262	1257	262	262	262	262	2177	4472	6237	2787	262

2000

**Detail by Resource
and Contractor**

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 536
11:08

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
ASSIST	- ASSIST PERSON (MR)													
PWL														
BC90070A	LLW CAMPAIGN #11	30			30									
BC90070B	LLW CAMPAIGN #11	30			30									
BC90070C	LLW CAMPAIGN #11	30			30									
BC90070D	AIRLOCK CLEANOUT	30			30									
BC80047A	PKG RMW INTO OVERPAC	30							30					
BC80047B	PKG RMW INTO OVERPAC	30							30					
BC80047C	PKG RMW INTO OVERPAC	30							30					
BC80047D	PKG RMW INTO OVERPAC	30							30					
BC80047E	PKG RMW INTO OVERPAC	30							30					
BC80047U	AIRLOCK CLEANOUT	30							30					
BC80047F	PKG RMW INTO OVERPAC	30							30					
BC80047G	PKG RMW INTO OVERPAC	30							30					
BC80047H	PKG RMW INTO OVERPAC	30									30			
BC80047I	PKG RMW INTO OVERPAC	30									30			
BC80047V	AIRLOCK CLEANOUT	30									30			
BC80047J	PKG RMW INTO OVERPAC	30									30			
BC80047K	PKG RMW INTO OVERPAC	30									30			
BC80047L	PKG RMW INTO OVERPAC	30									30			
BC80047M	PKG RMW INTO OVERPAC	30									30			
BC80047W	AIRLOCK CLEANOUT	30									30			
BC80047H	PKG RMW INTO OVERPAC	30									30			
BC80047O	PKG RMW INTO OVERPAC	30									30			
BC80047P	PKG RMW INTO OVERPAC	30									30			
BC80047Q	PKG RMW INTO OVERPAC	30									30			
BC80047X	AIRLOCK CLEANOUT	30									30			
BC80047R	PKG RMW INTO OVERPAC	30									30			
BC80047S	PKG RMW INTO OVERPAC	30									30			
BC80047T	PKG RMW INTO OVERPAC	30									30			
BC80047Y	AIRLOCK CLEANOUT	30									30			
BC80051A	PKG RMW INTO OVERPAC	30										30		
BC80051B	PKG RMW INTO OVERPAC	30										30		
BC80053A	LLW CAMPAIGN #12 - 1	30										30		
BC80051C	PKG RMW INTO OVERPAC	30										30		
BC80053B	LLW CAMPAIGN #12 - 2	30										30		
BC80051D	PKG RMW INTO OVERPAC	30										30		
BC80053C	LLW CAMPAIGN #12 - 3	30										30		
BC80051U	AIRLOCK CLEANOUT	30										30		
BC80053D	LLW CAMPAIGN #12 - 4	30										30		
BC80051E	PKG RMW INTO OVERPAC	30										30		
BC80053H	AIRLOCK CLEANOUT	30										30		
BC80051F	PKG RMW INTO OVERPAC	30										30		
BC80053E	LLW CAMPAIGN #12 - 5	30										30		
BC80051G	PKG RMW INTO OVERPAC	30										30		

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

TOTAL USAGE FOR MONTH

KEH -

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BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 536
11:08

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
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ELCTRCH - ELECTRICIAN ()

KEH -

SUBTOTAL KEH

480	40	40	40	40	40	40	40	40	40	40	40	40	40	40
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TOTAL ELCTRCH

480	40	40	40	40	40	40	40	40	40	40	40	40	40	40
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ENTRY PE - ENTRY PERSON ()

PNL

BC90070A	LLW CAMPAIGN #11	100			100									
BC90070B	LLW CAMPAIGN #11	100			100									
BC90070C	LLW CAMPAIGN #11	100			100									
BC80047A	PKG RMW INTO OVERPAC	100							100					
BC80047B	PKG RMW INTO OVERPAC	100							100					
BC80047C	PKG RMW INTO OVERPAC	100							100					
BC80047D	PKG RMW INTO OVERPAC	100							100					
BC80047E	PKG RMW INTO OVERPAC	100							100					
BC80047F	PKG RMW INTO OVERPAC	100							100					
BC80047G	PKG RMW INTO OVERPAC	100							100					
BC80047H	PKG RMW INTO OVERPAC	100								100				
BC80047I	PKG RMW INTO OVERPAC	100								100				
BC80047J	PKG RMW INTO OVERPAC	100								100				
BC80047K	PKG RMW INTO OVERPAC	100								100				
BC80047L	PKG RMW INTO OVERPAC	100								100				
BC80047M	PKG RMW INTO OVERPAC	100								100				
BC80047N	PKG RMW INTO OVERPAC	100								100				
BC80047O	PKG RMW INTO OVERPAC	100								100				
BC80047P	PKG RMW INTO OVERPAC	100								100				
BC80047Q	PKG RMW INTO OVERPAC	100								100				
BC80047R	PKG RMW INTO OVERPAC	100								100				
BC80047S	PKG RMW INTO OVERPAC	100								100				
BC80047T	PKG RMW INTO OVERPAC	100								100				
BC80051A	PKG RMW INTO OVERPAC	100									100			
BC80051B	PKG RMW INTO OVERPAC	100									100			
BC80053A	LLW CAMPAIGN #12 - 1	100										100		
BC80051C	PKG RMW INTO OVERPAC	100										100		
BC80053B	LLW CAMPAIGN #12 - 2	100										100		
BC80051D	PKG RMW INTO OVERPAC	100										100		
BC80053C	LLW CAMPAIGN #12 - 3	100										100		
BC80053D	LLW CAMPAIGN #12 - 4	100										100		
BC80051E	PKG RMW INTO OVERPAC	100										100		
BC80051F	PKG RMW INTO OVERPAC	100										100		

BATTTELLE PACIFIC NM LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 536
11:08

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 4

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
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ENTRY PE - ENTRY PERSON ()

PNL

BC80053E	LLW CAMPAIGN #12 - 5	100										100		
BC80051G	PKG RMW INTO OVERPAC	100										100		
BC80053F	LLW CAMPAIGN #12 - 6	100										100		
BC80051H	PKG RMW INTO OVERPAC	100										100		
BC80053G	LLW CAMPAIGN #12 - 7	100										100		
BC80051I	PKG RMW INTO OVERPAC	100										100		
BC80051J	PKG RMW INTO OVERPAC	100										100		
BC80051K	PKG RMW INTO OVERPAC	100										100		
BC80051L	PKG RMW INTO OVERPAC	100										100		
BC80051M	PKG RMW INTO OVERPAC	100										100		
BC80051N	PKG RMW INTO OVERPAC	100											100	
BC80051O	PKG RMW INTO OVERPAC	100											100	
BC80051P	PKG RMW INTO OVERPAC	100											100	
BC80051Q	PKG RMW INTO OVERPAC	100											100	
BC80051R	PKG RMW INTO OVERPAC	100											100	
BC80051S	PKG RMW INTO OVERPAC	100											100	
BC80051T	PKG RMW INTO OVERPAC	100											100	
SUBTOTAL PNL		5000			300					700	1300	2000	700	

TOTAL	ENTRY PE	5000			300					700	1300	2000	700	
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MLLWRGHT - MILLWRIGHT ()

PNL

BC400625	B-CELL MANIPULATOR C	10	10											
BC40106	MANIPULATOR REPAIR	100	100											
BC400626	B-CELL MANIPULATOR C	10		10										
BC40107	MANIPULATOR REPAIR	100		100										
BC40108	MANIPULATOR REPAIR	100			100									
BC400627	B-CELL MANIPULATOR C	10			10									
BC40109	MANIPULATOR REPAIR	100				100								
BC400628	B-CELL MANIPULATOR C	10				10								
BC40110	MANIPULATOR REPAIR	100					100							
BC400629	B-CELL MANIPULATOR C	10					10							
BC40111	MANIPULATOR REPAIR	100						100						
BC400630	B-CELL MANIPULATOR C	10						10						
BC40112	MANIPULATOR REPAIR	100							100					
BC400631	B-CELL MANIPULATOR C	10							10					
BC40113	MANIPULATOR REPAIR	100								100				
BC400632	B-CELL MANIPULATOR C	10									10			

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 5

TOTAL USAGE FOR MONTH

BC400625	B-CELL MANIPULATOR C	4	4	
BC40106	MANIPULATOR REPAIR	4	4	
BC400626	B-CELL MANIPULATOR C	4		4
BC40107	MANIPULATOR REPAIR	4		4
BC90070A	LLW CAMPAIGN #11	50		50
BC90070B	LLW CAMPAIGN #11	50		50
BC90070C	LLW CAMPAIGN #11	50		50
BC90070D	AIRLOCK CLEANOUT	75		75

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 536
11:08

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 6

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
RPT	- RADIATION PROTECTION TECHNICIAN ()													
PML														
BC40108	MANIPULATOR REPAIR	4			4									
BC400627	B-CELL MANIPULATOR C	4			4									
BC40109	MANIPULATOR REPAIR	4				4								
BC400628	B-CELL MANIPULATOR C	4				4								
BC40110	MANIPULATOR REPAIR	4					4							
BC400629	B-CELL MANIPULATOR C	4					4							
BC40111	MANIPULATOR REPAIR	4						4						
BC400630	B-CELL MANIPULATOR C	4						4						
BC40112	MANIPULATOR REPAIR	4							4					
BC400631	B-CELL MANIPULATOR C	4							4					
BC40113	MANIPULATOR REPAIR	4								4				
BC80047A	PKG RMW INTO OVERPAC	50								50				
BC80047B	PKG RMW INTO OVERPAC	50								50				
BC80047C	PKG RMW INTO OVERPAC	50								50				
BC80047D	PKG RMW INTO OVERPAC	50								50				
BC80047E	PKG RMW INTO OVERPAC	50								50				
BC80047U	AIRLOCK CLEANOUT	75								75				
BC400632	B-CELL MANIPULATOR C	4								4				
BC80047F	PKG RMW INTO OVERPAC	50								50				
BC80047G	PKG RMW INTO OVERPAC	50								50				
BC80047H	PKG RMW INTO OVERPAC	50									50			
BC80047I	PKG RMW INTO OVERPAC	50									50			
BC80047J	PKG RMW INTO OVERPAC	50									50			
BC80047K	PKG RMW INTO OVERPAC	50									50			
BC80047L	PKG RMW INTO OVERPAC	50									50			
BC80047M	PKG RMW INTO OVERPAC	50									50			
BC80047N	AIRLOCK CLEANOUT	75									75			
BC80047O	PKG RMW INTO OVERPAC	50									50			
BC80047P	PKG RMW INTO OVERPAC	50									50			
BC80047Q	PKG RMW INTO OVERPAC	50									50			
BC80047R	AIRLOCK CLEANOUT	75									75			
BC40114	MANIPULATOR REPAIR	4									4			
BC80047S	PKG RMW INTO OVERPAC	50									50			
BC80047T	PKG RMW INTO OVERPAC	50									50			
BC80047U	PKG RMW INTO OVERPAC	50									50			
BC80047V	AIRLOCK CLEANOUT	75									75			
BC400633	B-CELL MANIPULATOR C	4									4			
BC80051A	PKG RMW INTO OVERPAC	50										50		
BC80051B	PKG RMW INTO OVERPAC	50										50		
BC80053A	LLW CAMPAIGN #12 - 1	50										50		
BC80051C	PKG RMW INTO OVERPAC	50										50		

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 536
11:08

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 7

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
RPT	- RADIATION PROTECTION TECHNICIAN ()													
PHL														
BC80053B	LLW CAMPAIGN #12 - 2	50										50		
BC40115	MANIPULATOR REPAIR	4										4		
BC80051D	PKG RMW INTO OVERPAC	50										50		
BC80053C	LLW CAMPAIGN #12 - 3	50										50		
BC80051U	AIRLOCK CLEANOUT	75										75		
BC80053D	LLW CAMPAIGN #12 - 4	50										50		
BC80051E	PKG RMW INTO OVERPAC	50										50		
BC80053H	AIRLOCK CLEANOUT	75										75		
BC80051F	PKG RMW INTO OVERPAC	50										50		
BC80053E	LLW CAMPAIGN #12 - 5	50										50		
BC80051G	PKG RMW INTO OVERPAC	50										50		
BC80053F	LLW CAMPAIGN #12 - 6	50										50		
BC80051H	PKG RMW INTO OVERPAC	50										50		
BC80053G	LLW CAMPAIGN #12 - 7	50										50		
BC80051I	PKG RMW INTO OVERPAC	50										50		
BC400634	B-CELL MANIPULATOR C	4										4		
BC80051V	AIRLOCK CLEANOUT	75										75		
BC80051J	PKG RMW INTO OVERPAC	50										50		
BC80051K	PKG RMW INTO OVERPAC	50										50		
BC80051L	PKG RMW INTO OVERPAC	50										50		
BC80051M	PKG RMW INTO OVERPAC	50										50		
BC80051W	AIRLOCK CLEANOUT	75										75		
BC80051N	PKG RMW INTO OVERPAC	50										50		
BC80051O	PKG RMW INTO OVERPAC	50										50		
BC80051P	PKG RMW INTO OVERPAC	50										50		
BC80051Q	PKG RMW INTO OVERPAC	50										50		
BC80051X	AIRLOCK CLEANOUT	75										75		
BC80051R	PKG RMW INTO OVERPAC	50										50		
BC80051S	PKG RMW INTO OVERPAC	50										50		
BC80051T	PKG RMW INTO OVERPAC	50										50		
BC80051Y	AIRLOCK CLEANOUT	75										75		
BC40116	MANIPULATOR REPAIR	4										4		
BC400635	B-CELL MANIPULATOR C	4										4		
BC400636	B-CELL MANIPULATOR C	4												4
BC40117	MANIPULATOR REPAIR	4												4
SUBTOTAL PHL		3496	8	8	233	8	8	8	8	433	958	1233	583	8
TOTAL	RPT	3544	12	12	237	12	12	12	12	437	962	1237	587	12

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 8

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BATTTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 536
11:08

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00

DATA DATE 29JAN95 PAGE NO. 9

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
TECH - TECHNICIAN ()														
PHL														
BC80053H	AIRLOCK CLEANOUT	175										175		
BC80053I	AIRLOCK CLEANOUT	350										350		
BC400634	B-CELL MANIPULATOR C	20										20		
BC80051V	AIRLOCK CLEANOUT	175										175		
BC80051W	AIRLOCK CLEANOUT	175											175	
BC80051X	AIRLOCK CLEANOUT	175											175	
BC80051Y	AIRLOCK CLEANOUT	175											175	
BC40116	MANIPULATOR REPAIR	60											60	
BC400635	B-CELL MANIPULATOR C	20											20	
BC400636	B-CELL MANIPULATOR C	20												20
BC40117	MANIPULATOR REPAIR	60												60
SUBTOTAL PHL		3410	80	80	255	80	80	80	80	255	780	955	605	80
TOTAL TECH		3650	100	100	275	100	100	100	100	275	800	975	625	100

UNDRESSR - UNDRESSER ()

ACT ID	DESC	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
PHL														
BC90070A	LLW CAMPAIGN #11	50			50									
BC90070B	LLW CAMPAIGN #11	50			50									
BC90070C	LLW CAMPAIGN #11	50			50									
BC90070D	AIRLOCK CLEANOUT	25			25									
BC80047A	PKG RMW INTO OVERPAC	50								50				
BC80047B	PKG RMW INTO OVERPAC	50								50				
BC80047C	PKG RMW INTO OVERPAC	50								50				
BC80047D	PKG RMW INTO OVERPAC	50								50				
BC80047E	PKG RMW INTO OVERPAC	50								50				
BC80047U	AIRLOCK CLEANOUT	25								25				
BC80047F	PKG RMW INTO OVERPAC	50								50				
BC80047G	PKG RMW INTO OVERPAC	50								50				
BC80047H	PKG RMW INTO OVERPAC	50									50			
BC80047I	PKG RMW INTO OVERPAC	50									50			
BC80047V	AIRLOCK CLEANOUT	25									25			
BC80047J	PKG RMW INTO OVERPAC	50									50			
BC80047K	PKG RMW INTO OVERPAC	50									50			
BC80047L	PKG RMW INTO OVERPAC	50									50			
BC80047M	PKG RMW INTO OVERPAC	50									50			
BC80047W	AIRLOCK CLEANOUT	25									25			
BC80047N	PKG RMW INTO OVERPAC	50									50			
BC80047O	PKG RMW INTO OVERPAC	50									50			

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 10

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BATTILLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 12JUL95 RUN NO. 536
11:06

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 11

DETAIL BY RESOURCE

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
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UNDRESSR - UNDRESSR ()

PHL

SUBTOTAL PHL	2850			175						375	750	1125	425	
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TOTAL	UNDRESSR	2850			175					375	750	1125	425	
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REPORT TOTAL	18764	262	262	1257	262	262	262	262	2177	4472	6237	2787	262	
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2000

Detailed Dose Estimates by Activity - PNL

BATTTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 515
08:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

RESOURCE LOADING DETAIL - PHL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
BC400625 - B-CELL MANIPULATOR CHANGE														
MLLWRGHT	MILLWRIGHT	10	10											
RPT	RADIATION PROTECTION	4	4											
TECH	TECHNICIAN	20	20											

TOTAL	BC400625	34	34											
BC400626 - B-CELL MANIPULATOR CHANGE														
MLLWRGHT	MILLWRIGHT	10		10										
RPT	RADIATION PROTECTION	4		4										
TECH	TECHNICIAN	20		20										

TOTAL	BC400626	34		34										
BC400627 - B-CELL MANIPULATOR CHANGE														
MLLWRGHT	MILLWRIGHT	10			10									
RPT	RADIATION PROTECTION	4			4									
TECH	TECHNICIAN	20			20									

TOTAL	BC400627	34			34									
BC400628 - B-CELL MANIPULATOR CHANGE														
MLLWRGHT	MILLWRIGHT	10				10								
RPT	RADIATION PROTECTION	4				4								
TECH	TECHNICIAN	20				20								

TOTAL	BC400628	34				34								
BC400629 - B-CELL MANIPULATOR CHANGE														
MLLWRGHT	MILLWRIGHT	10					10							
RPT	RADIATION PROTECTION	4					4							
TECH	TECHNICIAN	20					20							

TOTAL	BC400629	34					34							
BC400630 - B-CELL MANIPULATOR CHANGE														
MLLWRGHT	MILLWRIGHT	10						10						
RPT	RADIATION PROTECTION	4						4						
TECH	TECHNICIAN	20						20						

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

TOTAL USAGE FOR MONTH

[illegible]

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 515
08:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95- PAGE NO. 3

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000

BC400636 - B-CELL MANIPULATOR CHANGE														
MILLWRGHT	MILLWRIGHT	10												10
RPT	RADIATION PROTECTION	4												4
TECH	TECHNICIAN	20												20

TOTAL	BC400636	34												34
BC40106 - MANIPULATOR REPAIR														
MILLWRGHT	MILLWRIGHT	100	100											
RPT	RADIATION PROTECTION	4	4											
TECH	TECHNICIAN	60	60											

TOTAL	BC40106	164	164											
BC40107 - MANIPULATOR REPAIR														
MILLWRGHT	MILLWRIGHT	100		100										
RPT	RADIATION PROTECTION	4		4										
TECH	TECHNICIAN	60		60										

TOTAL	BC40107	164		164										
BC40108 - MANIPULATOR REPAIR														
MILLWRGHT	MILLWRIGHT	100			100									
RPT	RADIATION PROTECTION	4			4									
TECH	TECHNICIAN	60			60									

TOTAL	BC40108	164			164									
BC40109 - MANIPULATOR REPAIR														
MILLWRGHT	MILLWRIGHT	100				100								
RPT	RADIATION PROTECTION	4				4								
TECH	TECHNICIAN	60				60								

TOTAL	BC40109	164				164								
BC40110 - MANIPULATOR REPAIR														
MILLWRGHT	MILLWRIGHT	100					100							
RPT	RADIATION PROTECTION	4					4							
TECH	TECHNICIAN	60					60							

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 515
08:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 4

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
BC40110	- MANIPULATOR REPAIR													
TOTAL	BC40110	164					164							
BC40111	- MANIPULATOR REPAIR													
MILLWRGHT	MILLWRIGHT	100						100						
RPT	RADIATION PROTECTION	4						4						
TECH	TECHNICIAN	60						60						
TOTAL	BC40111	164						164						
BC40112	- MANIPULATOR REPAIR													
MILLWRGHT	MILLWRIGHT	100							100					
RPT	RADIATION PROTECTION	4							4					
TECH	TECHNICIAN	60							60					
TOTAL	BC40112	164							164					
BC40113	- MANIPULATOR REPAIR													
MILLWRGHT	MILLWRIGHT	100								100				
RPT	RADIATION PROTECTION	4								4				
TECH	TECHNICIAN	60								60				
TOTAL	BC40113	164								164				
BC40114	- MANIPULATOR REPAIR													
MILLWRGHT	MILLWRIGHT	100									100			
RPT	RADIATION PROTECTION	4									4			
TECH	TECHNICIAN	60									60			
TOTAL	BC40114	164									164			
BC40115	- MANIPULATOR REPAIR													
MILLWRGHT	MILLWRIGHT	100										100		
RPT	RADIATION PROTECTION	4										4		
TECH	TECHNICIAN	60										60		
TOTAL	BC40115	164										164		

BATTTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 515
08:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 5

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000

BC40116	- MANIPULATOR REPAIR													
MLLWRGHT	MILLWRIGHT	100											100	
RPT	RADIATION PROTECTION	4											4	
TECH	TECHNICIAN	60											60	

TOTAL	BC40116	164											164	
BC40117 - MANIPULATOR REPAIR														
MLLWRGHT	MILLWRIGHT	100												100
RPT	RADIATION PROTECTION	4												4
TECH	TECHNICIAN	60												60

TOTAL	BC40117	164												164
BC80047A - PKG RMW INTO OVERPACKS AND LOADOUT														
ASSIST	ASSIST PERSON	30								30				
ENTRY PE	ENTRY PERSON	100								100				
RPT	RADIATION PROTECTION	50								50				
UNDRESSR	UNDRESSER	50								50				

TOTAL	BC80047A	230								230				
BC80047B - PKG RMW INTO OVERPACKS AND LOADOUT														
ASSIST	ASSIST PERSON	30								30				
ENTRY PE	ENTRY PERSON	100								100				
RPT	RADIATION PROTECTION	50								50				
UNDRESSR	UNDRESSER	50								50				

TOTAL	BC80047B	230								230				
BC80047C - PKG RMW INTO OVERPACKS AND LOADOUT														
ASSIST	ASSIST PERSON	30								30				
ENTRY PE	ENTRY PERSON	100								100				
RPT	RADIATION PROTECTION	50								50				
UNDRESSR	UNDRESSER	50								50				

TOTAL	BC80047C	230								230				
BC80047D - PKG RMW INTO OVERPACKS AND LOADOUT														
ASSIST	ASSIST PERSON	30								30				
ENTRY PE	ENTRY PERSON	100								100				

BATTTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 515
08:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 6

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
BC80047D - PKG RMW INTO OVERPACKS AND LOADOUT														
RPT	RADIATION PROTECTION	50								50				
UNDRESSR	UNDRESSER	50								50				
TOTAL	BC80047D	230								230				
BC80047E - PKG RMW INTO OVERPACKS AND LOADOUT														
ASSIST	ASSIST PERSON	30								30				
ENTRY PE	ENTRY PERSON	100								100				
RPT	RADIATION PROTECTION	50								50				
UNDRESSR	UNDRESSER	50								50				
TOTAL	BC80047E	230								230				
BC80047F - PKG RMW INTO OVERPACKS AND LOADOUT														
ASSIST	ASSIST PERSON	30								30				
ENTRY PE	ENTRY PERSON	100								100				
RPT	RADIATION PROTECTION	50								50				
UNDRESSR	UNDRESSER	50								50				
TOTAL	BC80047F	230								230				
BC80047G - PKG RMW INTO OVERPACKS AND LOADOUT														
ASSIST	ASSIST PERSON	30								30				
ENTRY PE	ENTRY PERSON	100								100				
RPT	RADIATION PROTECTION	50								50				
UNDRESSR	UNDRESSER	50								50				
TOTAL	BC80047G	230								230				
BC80047H - PKG RMW INTO OVERPACKS AND LOADOUT														
ASSIST	ASSIST PERSON	30								30				
ENTRY PE	ENTRY PERSON	100								100				
RPT	RADIATION PROTECTION	50								50				
UNDRESSR	UNDRESSER	50								50				
TOTAL	BC80047H	230								230				
BC80047I - PKG RMW INTO OVERPACKS AND LOADOUT														
ASSIST	ASSIST PERSON	30								30				
ENTRY PE	ENTRY PERSON	100								100				

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 515
08:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 7

RESOURCE LOADING DETAIL - PHL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
BC80047I - PKG RMW INTO OVERPACKS AND LOADOUT														
RPT	RADIATION PROTECTION	50									50			
UNDRESSR	UNDRESSER	50									50			

TOTAL	BC80047I	230									230			
BC80047J - PKG RMW INTO OVERPACKS AND LOADOUT														
ASSIST	ASSIST PERSON	30									30			
ENTRY PE	ENTRY PERSON	100									100			
RPT	RADIATION PROTECTION	50									50			
UNDRESSR	UNDRESSER	50									50			

TOTAL	BC80047J	230									230			
BC80047K - PKG RMW INTO OVERPACKS AND LOADOUT														
ASSIST	ASSIST PERSON	30									30			
ENTRY PE	ENTRY PERSON	100									100			
RPT	RADIATION PROTECTION	50									50			
UNDRESSR	UNDRESSER	50									50			

TOTAL	BC80047K	230									230			
BC80047L - PKG RMW INTO OVERPACKS AND LOADOUT														
ASSIST	ASSIST PERSON	30									30			
ENTRY PE	ENTRY PERSON	100									100			
RPT	RADIATION PROTECTION	50									50			
UNDRESSR	UNDRESSER	50									50			

TOTAL	BC80047L	230									230			
BC80047M - PKG RMW INTO OVERPACKS AND LOADOUT														
ASSIST	ASSIST PERSON	30									30			
ENTRY PE	ENTRY PERSON	100									100			
RPT	RADIATION PROTECTION	50									50			
UNDRESSR	UNDRESSER	50									50			

TOTAL	BC80047M	230									230			
BC80047H - PKG RMW INTO OVERPACKS AND LOADOUT														
ASSIST	ASSIST PERSON	30									30			
ENTRY PE	ENTRY PERSON	100									100			

BATELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLOC. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 515
08:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 8

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000

BC80047N	- PKG RMW INTO OVERPACKS AND LOADOUT													
RPT	RADIATION PROTECTION	50									50			
UNDRESSR	UNDRESSER	50									50			

TOTAL	BC80047N	230									230			

BC80047O	- PKG RMW INTO OVERPACKS AND LOADOUT													
ASSIST	ASSIST PERSON	30									30			
ENTRY PE	ENTRY PERSON	100									100			
RPT	RADIATION PROTECTION	50									50			
UNDRESSR	UNDRESSER	50									50			

TOTAL	BC80047O	230									230			

BC80047P	- PKG RMW INTO OVERPACKS AND LOADOUT													
ASSIST	ASSIST PERSON	30									30			
ENTRY PE	ENTRY PERSON	100									100			
RPT	RADIATION PROTECTION	50									50			
UNDRESSR	UNDRESSER	50									50			

TOTAL	BC80047P	230									230			

BC80047Q	- PKG RMW INTO OVERPACKS AND LOADOUT													
ASSIST	ASSIST PERSON	30									30			
ENTRY PE	ENTRY PERSON	100									100			
RPT	RADIATION PROTECTION	50									50			
UNDRESSR	UNDRESSER	50									50			

TOTAL	BC80047Q	230									230			

BC80047R	- PKG RMW INTO OVERPACKS AND LOADOUT													
ASSIST	ASSIST PERSON	30									30			
ENTRY PE	ENTRY PERSON	100									100			
RPT	RADIATION PROTECTION	50									50			
UNDRESSR	UNDRESSER	50									50			

TOTAL	BC80047R	230									230			

BC80047S	- PKG RMW INTO OVERPACKS AND LOADOUT													
ASSIST	ASSIST PERSON	30									30			
ENTRY PE	ENTRY PERSON	100									100			

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 515
08:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 9

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
BC80047S - PKG RMW INTO OVERPACKS AND LOADOUT														
RPT	RADIATION PROTECTION	50									50			
UNDRESSR	UNDRESSER	50									50			
TOTAL	BC80047S	230									230			
BC80047T - PKG RMW INTO OVERPACKS AND LOADOUT														
ASSIST	ASSIST PERSON	30									30			
ENTRY PE	ENTRY PERSON	100									100			
RPT	RADIATION PROTECTION	50									50			
UNDRESSR	UNDRESSER	50									50			
TOTAL	BC80047T	230									230			
BC80047U - AIRLOCK CLEANOUT														
ASSIST	ASSIST PERSON	30								30				
RPT	RADIATION PROTECTION	75								75				
TECH	TECHNICIAN	175								175				
UNDRESSR	UNDRESSER	25								25				
TOTAL	BC80047U	305								305				
BC80047V - AIRLOCK CLEANOUT														
ASSIST	ASSIST PERSON	30								30				
RPT	RADIATION PROTECTION	75								75				
TECH	TECHNICIAN	175								175				
UNDRESSR	UNDRESSER	25								25				
TOTAL	BC80047V	305								305				
BC80047W - AIRLOCK CLEANOUT														
ASSIST	ASSIST PERSON	30								30				
RPT	RADIATION PROTECTION	75								75				
TECH	TECHNICIAN	175								175				
UNDRESSR	UNDRESSER	25								25				
TOTAL	BC80047W	305								305				
BC80047X - AIRLOCK CLEANOUT														
ASSIST	ASSIST PERSON	30								30				
RPT	RADIATION PROTECTION	75								75				

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 515
08:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 10

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000

BC80047X	- AIRLOCK CLEANOUT													
TECH	TECHNICIAN	175									175			
UNDRESSR	UNDRESSER	25									25			

TOTAL	BC80047X	305									305			

BC80047Y	- AIRLOCK CLEANOUT													
ASSIST	ASSIST PERSON	30									30			
RPT	RADIATION PROTECTION	75									75			
TECH	TECHNICIAN	175									175			
UNDRESSR	UNDRESSER	25									25			

TOTAL	BC80047Y	305									305			

BC80051A	- PKG RMW INTO OVERPACKS AND SECOND LOADOUT													
ASSIST	ASSIST PERSON	30										30		
ENTRY PE	ENTRY PERSON	100										100		
RPT	RADIATION PROTECTION	50										50		
UNDRESSR	UNDRESSER	50										50		

TOTAL	BC80051A	230										230		

BC80051B	- PKG RMW INTO OVERPACKS AND SECOND LOADOUT													
ASSIST	ASSIST PERSON	30										30		
ENTRY PE	ENTRY PERSON	100										100		
RPT	RADIATION PROTECTION	50										50		
UNDRESSR	UNDRESSER	50										50		

TOTAL	BC80051B	230										230		

BC80051C	- PKG RMW INTO OVERPACKS AND SECOND LOADOUT													
ASSIST	ASSIST PERSON	30										30		
ENTRY PE	ENTRY PERSON	100										100		
RPT	RADIATION PROTECTION	50										50		
UNDRESSR	UNDRESSER	50										50		

TOTAL	BC80051C	230										230		

BC80051D	- PKG RMW INTO OVERPACKS AND SECOND LOADOUT													
ASSIST	ASSIST PERSON	30										30		
ENTRY PE	ENTRY PERSON	100										100		

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 515
08:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 11

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
BC80051D - PKG RMW INTO OVERPACKS AND SECOND LOADOUT														
RPT	RADIATION PROTECTION	50										50		
UNDRESSR	UNDRESSER	50										50		
TOTAL		BC80051D	230									230		
BC80051E - PKG RMW INTO OVERPACKS AND SECOND LOADOUT														
ASSIST	ASSIST PERSON	30										30		
ENTRY PE	ENTRY PERSON	100										100		
RPT	RADIATION PROTECTION	50										50		
UNDRESSR	UNDRESSER	50										50		
TOTAL		BC80051E	230									230		
BC80051F - PKG RMW INTO OVERPACKS AND SECOND LOADOUT														
ASSIST	ASSIST PERSON	30										30		
ENTRY PE	ENTRY PERSON	100										100		
RPT	RADIATION PROTECTION	50										50		
UNDRESSR	UNDRESSER	50										50		
TOTAL		BC80051F	230									230		
BC80051G - PKG RMW INTO OVERPACKS AND SECOND LOADOUT														
ASSIST	ASSIST PERSON	30										30		
ENTRY PE	ENTRY PERSON	100										100		
RPT	RADIATION PROTECTION	50										50		
UNDRESSR	UNDRESSER	50										50		
TOTAL		BC80051G	230									230		
BC80051H - PKG RMW INTO OVERPACKS AND SECOND LOADOUT														
ASSIST	ASSIST PERSON	30										30		
ENTRY PE	ENTRY PERSON	100										100		
RPT	RADIATION PROTECTION	50										50		
UNDRESSR	UNDRESSER	50										50		
TOTAL		BC80051H	230									230		
BC80051I - PKG RMW INTO OVERPACKS AND SECOND LOADOUT														
ASSIST	ASSIST PERSON	30										30		
ENTRY PE	ENTRY PERSON	100										100		

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 12

TOTAL USAGE FOR MONTH

BC800511 - PKG RMW INTO OVERPACKS AND SECOND LOADOUT

TOTAL	BC800511	230	230
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BC80051J - PKG RMW INTO OVERPACKS AND SECOND LOADOUT

ASSIST	ASSIST PERSON	30	30
ENTRY PE	ENTRY PERSON	100	100
RPT	RADIATION PROTECTION	50	50
UNDRESSR	UNDRESSER	50	50

TOTAL	BC80051-J	230	230

BC80051K - PKG RMW INTO OVERPACKS AND SECOND LOADOUT

ASSIST	ASSIST PERSON	30	30
ENTRY PE	ENTRY PERSON	100	100
RPT	RADIATION PROTECTION	50	50
UNDRESSR	UNDRESSER	50	50

TOTAL	BC80051K	230	230

BC80051L - PKG RMW INTO OVERPACKS AND SECOND LOADOUT

ASSIST	ASSIST PERSON	30	30
ENTRY PE	ENTRY PERSON	100	100
RPT	RADIATION PROTECTION	50	50
UNDRESSR	UNDRESSER	50	50

TOTAL	8CB0051L	230	230

BC80051M - PKG RMW INTO OVERPACKS AND SECOND LOADOUT

ASSIST	ASSIST PERSON	30	30
ENTRY PE	ENTRY PERSON	100	100
RPT	RADIATION PROTECTION	50	50
UNDRESSR	UNDRESSER	50	50

TOTAL	8C80051M	230	230

BC80051H - PKG RMW INTO OVERPACKS AND SECOND LOADOUT

ASSIST	ASSIST PERSON	30	30
ENTRY PE	ENTRY PERSON	100	100

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

TOTAL USAGE FOR MONTH

[illegible]

324 BLDC. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 14

TOTAL USAGE FOR MONTH

[illegible]

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 15

TOTAL USAGE FOR MONTH

			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
RESOURCE	RESOURCE DESCRIPTION	TOTAL	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
BC80051X - AIRLOCK CLEANOUT														
TECH	TECHNICIAN	175											175	
UNDRESSR	UNDRESSER	25											25	
TOTAL	BC80051X	305											305	
BC80051Y - AIRLOCK CLEANOUT														
ASSIST	ASSIST PERSON	30											30	
RPT	RADIATION PROTECTION	75											75	
TECH	TECHNICIAN	175											175	
UNDRESSR	UNDRESSER	25											25	
TOTAL	BC80051Y	305											305	
BC80053A - LLW CAMPAIGN #12 - 1st SHIPMENT														
ASSIST	ASSIST PERSON	30											30	
ENTRY PE	ENTRY PERSON	100											100	
RPT	RADIATION PROTECTION	50											50	
UNDRESSR	UNDRESSER	50											50	
TOTAL	BC80053A	230											230	
BC80053B - LLW CAMPAIGN #12 - 2ND SHIPMENT														
ASSIST	ASSIST PERSON	30											30	
ENTRY PE	ENTRY PERSON	100											100	
RPT	RADIATION PROTECTION	50											50	
UNDRESSR	UNDRESSER	50											50	
TOTAL	BC80053B	230											230	
BC80053C - LLW CAMPAIGN #12 - 3RD SHIPMENT														
ASSIST	ASSIST PERSON	30											30	
ENTRY PE	ENTRY PERSON	100											100	
RPT	RADIATION PROTECTION	50											50	
UNDRESSR	UNDRESSER	50											50	
TOTAL	BC80053C	230											230	
BC80053D - LLW CAMPAIGN #12 - 4 SHIPMENT														
ASSIST	ASSIST PERSON	30											30	
ENTRY PE	ENTRY PERSON	100											100	

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 515
08:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 16

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000

BC80053D	- LLW CAMPAIGN #12 - 4 SHIPMENT													
RPT	RADIATION PROTECTION	50										50		
UNDRESSR	UNDRESSER	50										50		

TOTAL	BC80053D	230										230		

BC80053E	- LLW CAMPAIGN #12 - 5TH SHIPMENT													
ASSIST	ASSIST PERSON	30										30		
ENTRY PE	ENTRY PERSON	100										100		
RPT	RADIATION PROTECTION	50										50		
UNDRESSR	UNDRESSER	50										50		

TOTAL	BC80053E	230										230		

BC80053F	- LLW CAMPAIGN #12 - 6TH SHIPMENT													
ASSIST	ASSIST PERSON	30										30		
ENTRY PE	ENTRY PERSON	100										100		
RPT	RADIATION PROTECTION	50										50		
UNDRESSR	UNDRESSER	50										50		

TOTAL	BC80053F	230										230		

BC80053G	- LLW CAMPAIGN #12 - 7TH SHIPMENT													
ASSIST	ASSIST PERSON	30										30		
ENTRY PE	ENTRY PERSON	100										100		
RPT	RADIATION PROTECTION	50										50		
UNDRESSR	UNDRESSER	50										50		

TOTAL	BC80053G	230										230		

BC80053H	- AIRLOCK CLEANOUT													
ASSIST	ASSIST PERSON	30										30		
RPT	RADIATION PROTECTION	75										75		
TECH	TECHNICIAN	175										175		
UNDRESSR	UNDRESSER	25										25		

TOTAL	BC80053H	305										305		

BC80053I	- AIRLOCK CLEANOUT													
ASSIST	ASSIST PERSON	60										60		
TECH	TECHNICIAN	350										350		

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 515
08:52

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 17

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
BC80053I - AIRLOCK CLEANOUT														
UNDRESSR	UNDRESSER	50										50		
TOTAL	BC80053I	460										460		
BC90070A - LLW CAMPAIGN #11														
ASSIST	ASSIST PERSON	30			30									
ENTRY PE	ENTRY PERSON	100			100									
RPT	RADIATION PROTECTION	50			50									
UNDRESSR	UNDRESSER	50			50									
TOTAL	BC90070A	230			230									
BC90070B - LLW CAMPAIGN #11														
ASSIST	ASSIST PERSON	30			30									
ENTRY PE	ENTRY PERSON	100			100									
RPT	RADIATION PROTECTION	50			50									
UNDRESSR	UNDRESSER	50			50									
TOTAL	BC90070B	230			230									
BC90070C - LLW CAMPAIGN #11														
ASSIST	ASSIST PERSON	30			30									
ENTRY PE	ENTRY PERSON	100			100									
RPT	RADIATION PROTECTION	50			50									
UNDRESSR	UNDRESSER	50			50									
TOTAL	BC90070C	230			230									
BC90070D - AIRLOCK CLEANOUT														
ASSIST	ASSIST PERSON	30			30									
RPT	RADIATION PROTECTION	75			75									
TECH	TECHNICIAN	175			175									
UNDRESSR	UNDRESSER	25			25									
TOTAL	BC90070D	305			305									
REPORT TOTAL														
		17996	198	198	1193	198	198	198	198	2113	4408	6173	2723	198

2000

Detailed Dose Estimates by Resource - PNL

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 491
06:29

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
ASSIST - ASSIST PERSON (MR)														
BC90070A	LLW CAMPAIGN #11	30			30									
BC90070B	LLW CAMPAIGN #11	30			30									
BC90070C	LLW CAMPAIGN #11	30			30									
BC90070D	AIRLOCK CLEANOUT	30			30									
BC80047A	PKG RMW INTO OVERPAC	30								30				
BC80047B	PKG RMW INTO OVERPAC	30								30				
BC80047C	PKG RMW INTO OVERPAC	30								30				
BC80047D	PKG RMW INTO OVERPAC	30								30				
BC80047E	PKG RMW INTO OVERPAC	30								30				
BC80047U	AIRLOCK CLEANOUT	30								30				
BC80047F	PKG RMW INTO OVERPAC	30								30				
BC80047G	PKG RMW INTO OVERPAC	30								30				
BC80047H	PKG RMW INTO OVERPAC	30									30			
BC80047I	PKG RMW INTO OVERPAC	30									30			
BC80047V	AIRLOCK CLEANOUT	30									30			
BC80047J	PKG RMW INTO OVERPAC	30									30			
BC80047K	PKG RMW INTO OVERPAC	30									30			
BC80047L	PKG RMW INTO OVERPAC	30									30			
BC80047M	PKG RMW INTO OVERPAC	30									30			
BC80047W	AIRLOCK CLEANOUT	30									30			
BC80047N	PKG RMW INTO OVERPAC	30									30			
BC80047O	PKG RMW INTO OVERPAC	30									30			
BC80047P	PKG RMW INTO OVERPAC	30									30			
BC80047Q	PKG RMW INTO OVERPAC	30									30			
BC80047X	AIRLOCK CLEANOUT	30									30			
BC80047R	PKG RMW INTO OVERPAC	30									30			
BC80047S	PKG RMW INTO OVERPAC	30									30			
BC80047T	PKG RMW INTO OVERPAC	30									30			
BC80047Y	AIRLOCK CLEANOUT	30									30			
BC80051A	PKG RMW INTO OVERPAC	30										30		
BC80051B	PKG RMW INTO OVERPAC	30										30		
BC80053A	LLW CAMPAIGN #12 - 1	30										30		
BC80051C	PKG RMW INTO OVERPAC	30										30		
BC80053B	LLW CAMPAIGN #12 - 2	30										30		
BC80051D	PKG RMW INTO OVERPAC	30										30		
BC80053C	LLW CAMPAIGN #12 - 3	30										30		
BC80051U	AIRLOCK CLEANOUT	30										30		
BC80053D	LLW CAMPAIGN #12 - 4	30										30		
BC80051E	PKG RMW INTO OVERPAC	30										30		
BC80053H	AIRLOCK CLEANOUT	30										30		
BC80051F	PKG RMW INTO OVERPAC	30										30		
BC80053E	LLW CAMPAIGN #12 - 5	30										30		
BC80051G	PKG RMW INTO OVERPAC	30										30		
BC80053F	LLW CAMPAIGN #12 - 6	30										30		
BC80051H	PKG RMW INTO OVERPAC	30										30		

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUM NO. 491
06:29

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
ASSIST - ASSIST PERSON (MR)														
BC80053G	LLW CAMPAIGN #12 - 7	30										30		
BC80051I	PKG RMW INTO OVERPAC	30										30		
BC80053I	AIRLOCK CLEANOUT	60										60		
BC80051V	AIRLOCK CLEANOUT	30										30		
BC80051J	PKG RMW INTO OVERPAC	30										30		
BC80051K	PKG RMW INTO OVERPAC	30										30		
BC80051L	PKG RMW INTO OVERPAC	30										30		
BC80051M	PKG RMW INTO OVERPAC	30										30		
BC80051W	AIRLOCK CLEANOUT	30											30	
BC80051H	PKG RMW INTO OVERPAC	30											30	
BC80051O	PKG RMW INTO OVERPAC	30											30	
BC80051P	PKG RMW INTO OVERPAC	30											30	
BC80051Q	PKG RMW INTO OVERPAC	30											30	
BC80051X	AIRLOCK CLEANOUT	30											30	
BC80051R	PKG RMW INTO OVERPAC	30											30	
BC80051S	PKG RMW INTO OVERPAC	30											30	
BC80051T	PKG RMW INTO OVERPAC	30											30	
BC80051Y	AIRLOCK CLEANOUT	30											30	
TOTAL	ASSIST	1920			120					240	510	750	300	

ENTRY PE - ENTRY PERSON ()

BC90070A	LLW CAMPAIGN #11	100			100									
BC90070B	LLW CAMPAIGN #11	100			100									
BC90070C	LLW CAMPAIGN #11	100			100									
BC80047A	PKG RMW INTO OVERPAC	100							100					
BC80047B	PKG RMW INTO OVERPAC	100							100					
BC80047C	PKG RMW INTO OVERPAC	100							100					
BC80047D	PKG RMW INTO OVERPAC	100							100					
BC80047E	PKG RMW INTO OVERPAC	100							100					
BC80047F	PKG RMW INTO OVERPAC	100							100					
BC80047G	PKG RMW INTO OVERPAC	100							100					
BC80047H	PKG RMW INTO OVERPAC	100								100				
BC80047I	PKG RMW INTO OVERPAC	100								100				
BC80047J	PKG RMW INTO OVERPAC	100								100				
BC80047K	PKG RMW INTO OVERPAC	100								100				
BC80047L	PKG RMW INTO OVERPAC	100								100				
BC80047M	PKG RMW INTO OVERPAC	100								100				
BC80047N	PKG RMW INTO OVERPAC	100								100				
BC80047O	PKG RMW INTO OVERPAC	100								100				
BC80047P	PKG RMW INTO OVERPAC	100								100				
BC80047Q	PKG RMW INTO OVERPAC	100								100				
BC80047R	PKG RMW INTO OVERPAC	100								100				
BC80047S	PKG RMW INTO OVERPAC	100								100				

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 491
06:29

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
ENTRY PE - ENTRY PERSON ()														
BC80047T	PKG RM INTO OVERPAC	100									100			
BC80051A	PKG RM INTO OVERPAC	100										100		
BC80051B	PKG RM INTO OVERPAC	100										100		
BC80053A	LLW CAMPAIGN #12 - 1	100										100		
BC80051C	PKG RM INTO OVERPAC	100										100		
BC80053B	LLW CAMPAIGN #12 - 2	100										100		
BC80051D	PKG RM INTO OVERPAC	100										100		
BC80053C	LLW CAMPAIGN #12 - 3	100										100		
BC80053D	LLW CAMPAIGN #12 - 4	100										100		
BC80051E	PKG RM INTO OVERPAC	100										100		
BC80051F	PKG RM INTO OVERPAC	100										100		
BC80053E	LLW CAMPAIGN #12 - 5	100										100		
BC80051G	PKG RM INTO OVERPAC	100										100		
BC80053F	LLW CAMPAIGN #12 - 6	100										100		
BC80051H	PKG RM INTO OVERPAC	100										100		
BC80053G	LLW CAMPAIGN #12 - 7	100										100		
BC80051I	PKG RM INTO OVERPAC	100										100		
BC80051J	PKG RM INTO OVERPAC	100										100		
BC80051K	PKG RM INTO OVERPAC	100										100		
BC80051L	PKG RM INTO OVERPAC	100										100		
BC80051M	PKG RM INTO OVERPAC	100										100		
BC80051N	PKG RM INTO OVERPAC	100											100	
BC80051O	PKG RM INTO OVERPAC	100											100	
BC80051P	PKG RM INTO OVERPAC	100											100	
BC80051Q	PKG RM INTO OVERPAC	100											100	
BC80051R	PKG RM INTO OVERPAC	100											100	
BC80051S	PKG RM INTO OVERPAC	100											100	
BC80051T	PKG RM INTO OVERPAC	100											100	
TOTAL	ENTRY PE	5000			300					700	1300	2000	700	

HLLWRGHT - HILLWRIGHT ()

BC400625	B-CELL MANIPULATOR C	10	10											
BC40106	MANIPULATOR REPAIR	100	100											
BC400626	B-CELL MANIPULATOR C	10		10										
BC40107	MANIPULATOR REPAIR	100		100										
BC40108	MANIPULATOR REPAIR	100			100									
BC400627	B-CELL MANIPULATOR C	10			10									
BC40109	MANIPULATOR REPAIR	100				100								
BC400628	B-CELL MANIPULATOR C	10				10								
BC40110	MANIPULATOR REPAIR	100					100							
BC400629	B-CELL MANIPULATOR C	10					10							
BC40111	MANIPULATOR REPAIR	100						100						
BC400630	B-CELL MANIPULATOR C	10						10						

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 491
06:29

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 4

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
MLLWRGHT - MILLWRIGHT ()														
BC40112	MANIPULATOR REPAIR	100							100					
BC400631	B-CELL MANIPULATOR C	10						10						
BC40113	MANIPULATOR REPAIR	100								100				
BC400632	B-CELL MANIPULATOR C	10							10					
BC40114	MANIPULATOR REPAIR	100									100			
BC400633	B-CELL MANIPULATOR C	10								10				
BC40115	MANIPULATOR REPAIR	100										100		
BC400634	B-CELL MANIPULATOR C	10										10		
BC40116	MANIPULATOR REPAIR	100											100	
BC400635	B-CELL MANIPULATOR C	10											10	
BC400636	B-CELL MANIPULATOR C	10												10
BC40117	MANIPULATOR REPAIR	100												100
TOTAL	MLLWRGHT	1320	110	110	110	110	110	110	110	110	110	110	110	110

RPT - RADIATION PROTECTION TECHNICIAN ()

BC400625	B-CELL MANIPULATOR C	4	4											
BC40106	MANIPULATOR REPAIR	4	4											
BC400626	B-CELL MANIPULATOR C	4		4										
BC40107	MANIPULATOR REPAIR	4		4										
BC90070A	LLW CAMPAIGN #11	50			50									
BC90070B	LLW CAMPAIGN #11	50			50									
BC90070C	LLW CAMPAIGN #11	50			50									
BC90070D	AIRLOCK CLEANOUT	75			75									
BC40108	MANIPULATOR REPAIR	4			4									
BC400627	B-CELL MANIPULATOR C	4			4									
BC40109	MANIPULATOR REPAIR	4				4								
BC400628	B-CELL MANIPULATOR C	4				4								
BC40110	MANIPULATOR REPAIR	4					4							
BC400629	B-CELL MANIPULATOR C	4					4							
BC40111	MANIPULATOR REPAIR	4						4						
BC400630	B-CELL MANIPULATOR C	4						4						
BC40112	MANIPULATOR REPAIR	4							4					
BC400631	B-CELL MANIPULATOR C	4							4					
BC40113	MANIPULATOR REPAIR	4								4				
BC80047A	PKG RM INTO OVERPAC	50								50				
BC80047B	PKG RM INTO OVERPAC	50								50				
BC80047C	PKG RM INTO OVERPAC	50								50				
BC80047D	PKG RM INTO OVERPAC	50								50				
BC80047E	PKG RM INTO OVERPAC	50								50				
BC80047U	AIRLOCK CLEANOUT	75								75				
BC400632	B-CELL MANIPULATOR C	4								4				
BC80047F	PKG RM INTO OVERPAC	50								50				
BC80047G	PKG RM INTO OVERPAC	50								50				

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 491
06:29

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 5

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
RPT	- RADIATION PROTECTION TECHNICIAN ()													
BC80047H	PKG RMW INTO OVERPAC	50									50			
BC80047I	PKG RMW INTO OVERPAC	50									50			
BC80047V	AIRLOCK CLEANOUT	75									75			
BC80047J	PKG RMW INTO OVERPAC	50									50			
BC80047K	PKG RMW INTO OVERPAC	50									50			
BC80047L	PKG RMW INTO OVERPAC	50									50			
BC80047M	PKG RMW INTO OVERPAC	50									50			
BC80047W	AIRLOCK CLEANOUT	75									75			
BC80047H	PKG RMW INTO OVERPAC	50									50			
BC80047O	PKG RMW INTO OVERPAC	50									50			
BC80047P	PKG RMW INTO OVERPAC	50									50			
BC80047Q	PKG RMW INTO OVERPAC	50									50			
BC80047X	AIRLOCK CLEANOUT	75									75			
BC40114	MANIPULATOR REPAIR	4									4			
BC80047R	PKG RMW INTO OVERPAC	50									50			
BC80047S	PKG RMW INTO OVERPAC	50									50			
BC80047T	PKG RMW INTO OVERPAC	50									50			
BC80047Y	AIRLOCK CLEANOUT	75									75			
BC400633	B-CELL MANIPULATOR C	4									4			
BC80051A	PKG RMW INTO OVERPAC	50										50		
BC80051B	PKG RMW INTO OVERPAC	50										50		
BC80053A	LLW CAMPAIGN #12 - 1	50										50		
BC80051C	PKG RMW INTO OVERPAC	50										50		
BC80053B	LLW CAMPAIGN #12 - 2	50										50		
BC40115	MANIPULATOR REPAIR	4										4		
BC80051D	PKG RMW INTO OVERPAC	50										50		
BC80053C	LLW CAMPAIGN #12 - 3	50										50		
BC80051U	AIRLOCK CLEANOUT	75										75		
BC80053D	LLW CAMPAIGN #12 - 4	50										50		
BC80051E	PKG RMW INTO OVERPAC	50										50		
BC80053H	AIRLOCK CLEANOUT	75										75		
BC80051F	PKG RMW INTO OVERPAC	50										50		
BC80053E	LLW CAMPAIGN #12 - 5	50										50		
BC80051G	PKG RMW INTO OVERPAC	50										50		
BC80053F	LLW CAMPAIGN #12 - 6	50										50		
BC80051H	PKG RMW INTO OVERPAC	50										50		
BC80053G	LLW CAMPAIGN #12 - 7	50										50		
BC80051I	PKG RMW INTO OVERPAC	50										50		
BC400634	B-CELL MANIPULATOR C	4										4		
BC80051V	AIRLOCK CLEANOUT	75										75		
BC80051J	PKG RMW INTO OVERPAC	50										50		
BC80051K	PKG RMW INTO OVERPAC	50										50		
BC80051L	PKG RMW INTO OVERPAC	50										50		
BC80051M	PKG RMW INTO OVERPAC	50										50		
BC80051W	AIRLOCK CLEANOUT	75										75		

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 491
06:29

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

DATA DATE 29JAN95 PAGE NO. 6

ACT ID	DESC	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
RPT - RADIATION PROTECTION TECHNICIAN ()														
BC80051H	PKG RMW INTO OVERPAC	50											50	
BC80051O	PKG RMW INTO OVERPAC	50											50	
BC80051P	PKG RMW INTO OVERPAC	50											50	
BC80051Q	PKG RMW INTO OVERPAC	50											50	
BC80051X	AIRLOCK CLEANOUT	75											75	
BC80051R	PKG RMW INTO OVERPAC	50											50	
BC80051S	PKG RMW INTO OVERPAC	50											50	
BC80051T	PKG RMW INTO OVERPAC	50											50	
BC80051Y	AIRLOCK CLEANOUT	75											75	
BC40116	MANIPULATOR REPAIR	4											4	
BC400635	B-CELL MANIPULATOR C	4											4	
BC400636	B-CELL MANIPULATOR C	4												4
BC40117	MANIPULATOR REPAIR	4												4
TOTAL	RPT	3496	8	8	233	8	8	8	8	433	958	1233	583	8

TECH - TECHNICIAN ()

BC400625	B-CELL MANIPULATOR C	20	20											
BC40106	MANIPULATOR REPAIR	60	60											
BC400626	B-CELL MANIPULATOR C	20		20										
BC40107	MANIPULATOR REPAIR	60		60										
BC90070D	AIRLOCK CLEANOUT	175			175									
BC40108	MANIPULATOR REPAIR	60			60									
BC400627	B-CELL MANIPULATOR C	20			20									
BC40109	MANIPULATOR REPAIR	60				60								
BC400628	B-CELL MANIPULATOR C	20				20								
BC40110	MANIPULATOR REPAIR	60					60							
BC400629	B-CELL MANIPULATOR C	20					20							
BC40111	MANIPULATOR REPAIR	60						60						
BC400630	B-CELL MANIPULATOR C	20						20						
BC40112	MANIPULATOR REPAIR	60							60					
BC400631	B-CELL MANIPULATOR C	20							20					
BC40113	MANIPULATOR REPAIR	60								60				
BC80047U	AIRLOCK CLEANOUT	175								175				
BC400632	B-CELL MANIPULATOR C	20								20				
BC80047V	AIRLOCK CLEANOUT	175									175			
BC80047W	AIRLOCK CLEANOUT	175									175			
BC80047X	AIRLOCK CLEANOUT	175									175			
BC40114	MANIPULATOR REPAIR	60									60			
BC80047Y	AIRLOCK CLEANOUT	175									175			
BC400633	B-CELL MANIPULATOR C	20									20			
BC40115	MANIPULATOR REPAIR	60										60		
BC80051U	AIRLOCK CLEANOUT	175										175		
BC80053H	AIRLOCK CLEANOUT	175										175		

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 491
06:29

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 7

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

ACT ID	DESC	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
TECH - TECHNICIAN ()														
BC80053I	AIRLOCK CLEANOUT	350										350		
BC400634	B-CELL MANIPULATOR C	20										20		
BC80051V	AIRLOCK CLEANOUT	175										175		
BC80051W	AIRLOCK CLEANOUT	175											175	
BC80051X	AIRLOCK CLEANOUT	175											175	
BC80051Y	AIRLOCK CLEANOUT	175											175	
BC40116	MANIPULATOR REPAIR	60											60	
BC400635	B-CELL MANIPULATOR C	20											20	
BC400636	B-CELL MANIPULATOR C	20												20
BC40117	MANIPULATOR REPAIR	60												60
TOTAL	TECH	3410	80	80	255	80	80	80	80	255	780	955	605	80

UNDRESSR - UNDRESSER ()

BC90070A	LLW CAMPAIGN #11	50			50									
BC90070B	LLW CAMPAIGN #11	50			50									
BC90070C	LLW CAMPAIGN #11	50			50									
BC90070D	AIRLOCK CLEANOUT	25			25									
BC80047A	PKG RM INTO OVERPAC	50							50					
BC80047B	PKG RM INTO OVERPAC	50							50					
BC80047C	PKG RM INTO OVERPAC	50							50					
BC80047D	PKG RM INTO OVERPAC	50							50					
BC80047E	PKG RM INTO OVERPAC	50							50					
BC80047U	AIRLOCK CLEANOUT	25							25					
BC80047F	PKG RM INTO OVERPAC	50							50					
BC80047G	PKG RM INTO OVERPAC	50							50					
BC80047H	PKG RM INTO OVERPAC	50								50				
BC80047I	PKG RM INTO OVERPAC	50								50				
BC80047V	AIRLOCK CLEANOUT	25								25				
BC80047J	PKG RM INTO OVERPAC	50								50				
BC80047K	PKG RM INTO OVERPAC	50								50				
BC80047L	PKG RM INTO OVERPAC	50								50				
BC80047M	PKG RM INTO OVERPAC	50								50				
BC80047W	AIRLOCK CLEANOUT	25								25				
BC80047N	PKG RM INTO OVERPAC	50								50				
BC80047O	PKG RM INTO OVERPAC	50								50				
BC80047P	PKG RM INTO OVERPAC	50								50				
BC80047Q	PKG RM INTO OVERPAC	50								50				
BC80047X	AIRLOCK CLEANOUT	25								25				
BC80047R	PKG RM INTO OVERPAC	50								50				
BC80047S	PKG RM INTO OVERPAC	50								50				
BC80047T	PKG RM INTO OVERPAC	50								50				
BC80047Y	AIRLOCK CLEANOUT	25								25				
BC80051A	PKG RM INTO OVERPAC	50									50			

BATTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 491
06:29

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

RESOURCE LOADING DETAIL - PNL

TOTAL USAGE FOR MONTH

DATA DATE 29JAN95 PAGE NO. 8

ACT ID	DESC	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
UNDRESSR - UNDRESSR ()														
BC80051B	PKG RM INTO OVERPAC	50										50		
BC80053A	LLW CAMPAIGN #12 - 1	50										50		
BC80051C	PKG RM INTO OVERPAC	50										50		
BC80053B	LLW CAMPAIGN #12 - 2	50										50		
BC80051D	PKG RM INTO OVERPAC	50										50		
BC80053C	LLW CAMPAIGN #12 - 3	50										50		
BC80051U	AIRLOCK CLEANOUT	25										25		
BC80053D	LLW CAMPAIGN #12 - 4	50										50		
BC80051E	PKG RM INTO OVERPAC	50										50		
BC80053H	AIRLOCK CLEANOUT	25										25		
BC80051F	PKG RM INTO OVERPAC	50										50		
BC80053E	LLW CAMPAIGN #12 - 5	50										50		
BC80051G	PKG RM INTO OVERPAC	50										50		
BC80053F	LLW CAMPAIGN #12 - 6	50										50		
BC80051H	PKG RM INTO OVERPAC	50										50		
BC80053G	LLW CAMPAIGN #12 - 7	50										50		
BC80051I	PKG RM INTO OVERPAC	50										50		
BC80053I	AIRLOCK CLEANOUT	50										50		
BC80051V	AIRLOCK CLEANOUT	25										25		
BC80051J	PKG RM INTO OVERPAC	50										50		
BC80051K	PKG RM INTO OVERPAC	50										50		
BC80051L	PKG RM INTO OVERPAC	50										50		
BC80051M	PKG RM INTO OVERPAC	50										50		
BC80051W	AIRLOCK CLEANOUT	25											25	
BC80051N	PKG RM INTO OVERPAC	50											50	
BC80051O	PKG RM INTO OVERPAC	50											50	
BC80051P	PKG RM INTO OVERPAC	50											50	
BC80051Q	PKG RM INTO OVERPAC	50											50	
BC80051X	AIRLOCK CLEANOUT	25											25	
BC80051R	PKG RM INTO OVERPAC	50											50	
BC80051S	PKG RM INTO OVERPAC	50											50	
BC80051T	PKG RM INTO OVERPAC	50											50	
BC80051Y	AIRLOCK CLEANOUT	25											25	
TOTAL	UNDRESSR	2850			175					375	750	1125	425	
REPORT TOTAL														
		17996	198	198	1193	198	198	198	198	2113	4408	6173	2723	198

2000

Detailed Dose Estimates by Activity - KEH

BATTTELLE PACIFIC NW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 497
06:37

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

DATA DATE 29JAN95 PAGE NO. 1

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
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BC132A97W - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40	40											
RPT	RADIATION PROTECTION	4	4											
TECH	TECHNICIAN	20	20											

TOTAL	BC132A97W	64	64											
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BC132A97X - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40		40										
RPT	RADIATION PROTECTION	4		4										
TECH	TECHNICIAN	20		20										

TOTAL	BC132A97X	64		64										
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BC132A97Y - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40			40									
RPT	RADIATION PROTECTION	4			4									
TECH	TECHNICIAN	20			20									

TOTAL	BC132A97Y	64			64									
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BC132A97Z - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40			40									
RPT	RADIATION PROTECTION	4			4									
TECH	TECHNICIAN	20			20									

TOTAL	BC132A97Z	64			64									
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BC132A98A - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40				40								
RPT	RADIATION PROTECTION	4				4								
TECH	TECHNICIAN	20				20								

TOTAL	BC132A98A	64				64								
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BC132A98B - CAMERA & EQUIP MAINT.

ELCTRCN	ELECTRICIAN	40					40							
RPT	RADIATION PROTECTION	4					4							
TECH	TECHNICIAN	20					20							

BATTELLE PACIFIC MW LABORATORIES

PRIMAVERA PROJECT PLANNER

324 BLDG. DOSE W/CONTRACTOR RESP

REPORT DATE 07JUL95 RUN NO. 497
06:37

RESOURCE LOADING REPORT

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 2

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

RESOURCE	RESOURCE DESCRIPTION	TOTAL	JAN 2000	FEB 2000	MAR 2000	APR 2000	MAY 2000	JUN 2000	JUL 2000	AUG 2000	SEP 2000	OCT 2000	NOV 2000	DEC 2000
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BC132A98B - CAMERA & EQUIP MAINT.

TOTAL	BC132A98B	64							64					
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BC132A98C - CAMERA & EQUIP MAINT.

ELCTRCH	ELECTRICIAN	40							40					
RPT	RADIATION PROTECTION	4							4					
TECH	TECHNICIAN	20							20					
TOTAL	BC132A98C	64							64					

BC132A98D - CAMERA & EQUIP MAINT.

ELCTRCH	ELECTRICIAN	40							40					
RPT	RADIATION PROTECTION	4							4					
TECH	TECHNICIAN	20							20					
TOTAL	BC132A98D	64							64					

BC132A98E - CAMERA & EQUIP MAINT.

ELCTRCH	ELECTRICIAN	40								40				
RPT	RADIATION PROTECTION	4								4				
TECH	TECHNICIAN	20								20				
TOTAL	BC132A98E	64								64				

BC132A98F - CAMERA & EQUIP MAINT.

ELCTRCH	ELECTRICIAN	40									40			
RPT	RADIATION PROTECTION	4									4			
TECH	TECHNICIAN	20									20			
TOTAL	BC132A98F	64									64			

BC132A98G - CAMERA & EQUIP MAINT.

ELCTRCH	ELECTRICIAN	40										40		
RPT	RADIATION PROTECTION	4										4		
TECH	TECHNICIAN	20										20		
TOTAL	BC132A98G	64										64		

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 3

TOTAL USAGE FOR MONTH

[illegible]

2000

Detailed Dose Estimates by Resource - KEH

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

DATA DATE 29JAN95 PAGE NO. 1

[illegible]

324 BLDG. DOSE W/CONTRACTOR RESP

START DATE 01OCT94 FIN DATE 30DEC00*

RESOURCE LOADING DETAIL - KEH

TOTAL USAGE FOR MONTH

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