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Evaluation of Nuclear Facility Decommissioning Projects

Summary Status Report
Three Mile Island Unit 2
Radioactive Waste and Laundry Shipments

Prepared by D.H. Doerge, D.R. Haffner

Westinghouse Hanford Company

Prepared for
U.S. Nuclear Regulatory
Commission

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Evaluation of Nuclear Facility Decommissioning Projects

Summary Status Report Three Mile Island Unit 2 Radioactive Waste and Laundry Shipments

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Prepared by
D.H. Doerge, D.R. Haffner

Westinghouse Hanford Company
P.O. Box 1970
Richland, WA 99352

Prepared for
Division of Engineering
Office of Nuclear Regulatory Research
U.S. Nuclear Regulatory Commission
Washington, DC 20555
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ABSTRACT

This document summarizes information concerning radioactive waste and laundry shipments from the Three Mile Island Nuclear Station Unit 2 to radioactive waste disposal sites and to protective clothing decontamination facilities (laundries) since the loss of coolant accident experienced on March 28, 1979.

Data were collected from radioactive shipment records, summarized, and placed in a computerized data information retrieval/manipulation system which permits extraction of specific information.

This report covers the period of April 9, 1979 through April 19, 1987. Included in this report are: waste disposal site locations, dose rates, curie content, waste description, container type and number, volumes and weights. This information is presented in two major categories: protective clothing (laundry) and radioactive waste. Each of the waste shipment reports is in chronological order.

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EVALUATION OF NUCLEAR FACILITY DECOMMISSIONING PROJECTS DEPARTMENT

THREE MILE ISLAND UNIT 2

Radioactive Waste and Laundry Shipments

1.0 INTRODUCTION

The Three Mile Island Unit 2 (TMI-2) nuclear power station is located near Middletown, Pennsylvania. TMI-2 is a pressurized water reactor rated at 959 MWe. The reactor began commercial operation on December 30, 1978.

On March 28, 1979, TMI-2 experienced a partial loss of coolant water which exposed the upper portion of the reactor core. Resulting temperatures in the core region were in excess of 2500°F causing considerable damage to the core and possibly to other reactor components.

Contaminated reactor coolant water was released to the reactor building basement and to the auxiliary and fuel handling buildings (Figures 1 and 2). This release resulted in gross contamination requiring extensive decontamination and waste handling operations to restore these buildings to a tenable condition. Decontamination and repair activities have required many labor man-hours and man-rem of exposure.

Because of the vast quantity of data generated during decontamination, equipment recovery and waste handling activities, the U.S. Nuclear Regulatory Commission (NRC) requested that the data be assembled, analyzed, and entered into a computer data base for historical purposes. The information could also serve as a comprehensive base line for future planning, estimates, and actions required should a nuclear facility be confronted with problems similar to those experienced at TMI-2.

Work within the scope of this report is being conducted under the Evaluation of Nuclear Facility Decommissioning Projects (ENFDP) program. The ENFDP program was originated in 1981 under the auspices of the NRC Office of Nuclear Regulatory Research and is currently administered through its Division of Engineering.

The Office of Surplus Facilities Management, a department within UNC Nuclear Industries (UNC) at the Hanford Site, was designated technical director of the program with responsibility for data collection, analysis, documentation, and evaluation of decommissioning projects. See NUREG/CR-2522, "Evaluation of Nuclear Facility Decommissioning Projects - Program Plan," for a complete description of the program.

In June 1987, with consolidation of the Hanford contractors, Westinghouse Hanford Company assumed responsibility for the UNC portion of the Hanford Operations and Engineering Contract, including the ENFDP program.

THREE MILE ISLAND UNIT 2

Figure 1. Reactor & Auxilliary Buildings.

Figure 2. Auxiliary & Fuel-Handling Building.

Under the ENFDP Program, data is assembled in a form that permits input into a computerized decommissioning data system (DDS). A proprietary computer software package, MAPPER, provides a method for accumulation and manipulation of decommissioning performance information. MAPPER stands for MAintain, Prepare, and Produce Executive Reports.

Because of the volume and variety of information being collected at TMI-2, nine categories of ENFDP reports have been established and are as follows:

- Volume 1 - Reactor Coolant System and Systems Decontamination
- Volume 2 - Reactor Building Decontamination
- Volume 3 - Reactor Defueling and Disassembly
- Volume 4 - Auxiliary and Fuel Handling Building Decontamination
- Volume 5 - Common Support Facilities and Systems Decontamination
- Volume 6 - Plant Stability and Safety Activities
- Volume 7 - Liquid Waste Handling
- Volume 8 - Solid Waste Handling
- Volume 9 - Radioactive Waste and Laundry Shipments

Periodic activity status and summary reports for these nine categories will be published as NUREG/CR-4315 Three Mile Island Unit 2 documents.

This report covers the period of April 9, 1979 through April 19, 1987, and summarizes shipments of radioactive solid waste to waste disposal sites and protective clothing (laundry) to commercial facilities for decontamination and cleaning. Information in this report includes: waste disposal site locations, dose rates, curie content, waste description, container type and number, volumes and weights. This data is presented in chronological order for each category.

2.0 SUMMARY OF SHIPMENTS

The following tables and figures summarize the radioactive solid waste and protective clothing (laundry) shipments during the period covered by this status report. All waste shipments are classified as low-level waste, low specific activity (LSA) material.

Table 1 is a summary table of waste shipments by container type for radioactive solid waste and protective clothing (laundry) during the period of April 9, 1979, through April 19, 1987.

Note the large amounts of laundry resulting from TMI-2 cleanup (56% of the total volume and 43% of the total weight). However, of the total 737,000 curies shipped, only six (6) curies were present in the laundry.

TABLE 1

RADIOACTIVE SOLID WASTE

CONTAINER TYPE	NUMBER OF CONTAINERS	ACTIVITY (CURIES)	VOLUME (CU.FT.)	WEIGHT (LBS.)
DRUMS	6,054	106.03477	45,971.10	1,454,142
BOXES	680	37.60316	72,203.90	1,373,918
LINERS	145	17,729.94328	21,861.40	945,914
CASKS	139	719,060.70700	20,464.60	708,187
TANKS	4	1.52000	8,182.00	48,200
UNIDENTIFIED CONTAINERS	*	32.72550	*	*

* SOLID WASTE - MAY BE PARTIAL UNIT 1 SHIPMENT.

PROTECTIVE CLOTHING (LAUNDRY)

CONTAINER TYPE	NUMBER OF CONTAINERS	ACTIVITY (CURIES)	VOLUME (CU.FT.)	WEIGHT (LBS.)
DRUMS	26,119	6.25720	199,542.00	3,426,656
BOXES	516	*	19,296.00	*

* CURIES AND WEIGHTS ARE INCLUDED IN VALUES SHOWN FOR DRUMS.

TOTAL SHIPMENTS

TYPE OF WASTE	NUMBER OF CONTAINERS	ACTIVITY (CURIES)	VOLUME (CU.FT.)	WEIGHT (LBS.)
RADIOACTIVE SOLID WASTE	7,022	736,968.53371	168,683.00	4,530,361
PROTECTIVE CLOTHING	26,635	6.25720	218,838.00	3,426,656
TOTALS	33,657	736,974.79091	387,521.00	7,957,017

Table 2 is a summary table of waste shipments by calendar year. Note that the calendar year 1987 includes only data through April 19, 1987. The large increase in activity (curies) shipped in 1982 and 1983 resulted from disposal of Submerged Demineralizer System (SDS) liners and EPICOR pre-filters used in filtering accident water.

TABLE 2

CALENDAR YEAR	NUMBER OF CONTAINERS	ACTIVITY (CURIES)	VOLUME (CU.FT.)	WEIGHT (LBS.)	SHIPMENTS
1979	3,482	59.4	39,223.5	438,010	46
1980	2,370	114.4	29,823.5	673,366	49
1981	1,606	2,664.0	24,007.6	589,455	73
1982	2,870	151,920.9	28,588.2	480,415	61
1983	5,609	565,794.4	60,377.4	1,275,198	150
1984	4,511	9,986.6	51,094.3	1,182,712	78
1985	4,778	6,349.6	70,121.5	1,545,476	103
1986	5,780	58.5	58,406.5	1,196,076	98
1987 (THROUGH 4/19/87)	2,651	27.0	25,878.5	576,309	44
TOTAL (THROUGH 4/19/87)	33,657	736,974.8	387,521.0	7,957,017	702

Table 3 provides a summary of waste shipments by disposal site. Additional disposal site information is listed in the computer reports for TMI-2 Protective Clothing Notes and Radioactive Waste Notes (Sections 3.2 and 3.4). Protective clothing (Laundry) shipments are sent to commercial laundries, TIL or INTST, which are not actual disposal sites. Likewise, the QUADREX disposal site is actually a decontamination facility.

Table 3 shows that most of the high-activity waste from TMI-2 (81 percent of the total activity) was shipped to the DOE-RL Hanford disposal site. In contrast, 57 percent of the total volume was shipped to commercial laundries for decontamination; an additional 35 percent to the commercial U.S. Ecology disposal site at Richland, Washington; and the remaining 8 percent being shipped to various locations at the Idaho National Engineering Laboratory (INEL), the DOE-RL Hanford site and the Quadrex decontamination facility.

TABLE 3

DISPOSAL SITE	NUMBER OF CONTAINERS	ACTIVITY (CURIES)	VOLUME (CU.FT.)	WEIGHT (LBS.)	SHIPMENTS
DOEID	52	81,618.8	8,636.1	190,901	52
DOERL	18	594,327.4	577.4	24,455	18
EG&G	4	1.5	8,182.0	48,200	4
INTST	22,247	4.1	185,868.0	3,213,387	269
QUADREX	39	3.7	14,147.5	268,814	10
RICHL	6,909	61,017.0	137,140.0	3,997,991	287
TIL	4,388	2.1	32,970.0	213,269	62
TOTAL (THROUGH 4/19/87)	33,657	736,974.8	387,521.0	7,957,017	702

The distribution of radioactive waste and laundry shipments by calendar year and disposal site is shown in Figures 3 and 4. The INEL radwaste shipments include sites identified as DOE-ID and EG&G. Note the transition of laundry shipments in 1982 from the TIL commercial laundry to INTST.

Figure 3. TMI-2 Radioactive Waste Shipments by Site

Figure 4. TMI-2 Protective Clothing (Laundry) Shipments by Site

Figure 5 shows the breakdown of TMI-2 waste shipments between protective clothing (laundry) and solid radioactive waste. Note the significant amount of laundry shipments in comparison to radioactive waste shipments. Some of the more important waste shipment attributes are shown in Figure 6.

Figure 5. TMI-2 Waste Shipments

Figure 6 depicts the comparison of TMI-2 waste shipment attributes. Note the significant spike for the activity (curies) curve, which identifies the shipment of SDS liners and EPICOR pre-filters used in processing the highly-radioactive accident water.

Figure 6. TMI-2 Waste Shipment Attributes

3.0 DESCRIPTION OF COMPUTER REPORTS

The computer reports included in this document are:

3.1 TMI-2 Acronyms and Abbreviations

This report is a general listing of acronyms and abbreviations used in TMI-2 reports. All acronyms and abbreviations listed in this report are not necessarily used in this document but may be used in other volumes of NUREG/CR-4315.

3.2 TMI-2 Protective Clothing Notes

This report describes the notes applicable to the Protective Clothing Waste Shipment Report.

3.3 Waste Shipment Report - Protective Clothing

This report summarizes the protective clothing (laundry) shipments for the period April 9, 1979, through April 19, 1987. Data columns included are: waste disposal site location, dose rates, curie content, waste description, number and type of containers, volume in cubic feet, and weight in pounds of each shipment. This report is presented in chronological order.

3.4 TMI-2 Radioactive Waste Notes

This report describes the notes applicable to the TMI-2 waste shipment report for Radioactive (solid) Waste. It includes a listing of the radionuclides assumed to be present in all wastes as a result of the accident.

3.5 Waste Shipment Report - Radioactive Waste

This report summarizes the radioactive solid waste shipments for the period April 9, 1979, through April 19, 1987. Data columns included are: waste disposal site location, dose rate, curies, waste description, number and type of containers, volume in cubic feet, and weight in pounds of each shipment. This report is presented in chronological order.

4.0 COMPUTER REPORTS

4.1 TMI-2 Acronyms and Abbreviations

PNO. 1 RID 113
.TMI-2 UNC: DDS - ACRONYMS AND ABBREVIATIONS FOR TMI-2 REPORTS M 286 I
*
* ACRONYM DESCRIPTION
*.....

*THIS REPORT IS A WORKING DOCUMENT AND WILL BE UPDATED PERIODICALLY.
*(SOME ABBREVIATIONS FOUND IN DATA HAVE NOT BEEN IDENTIFIED TO DATE. THESE
*ABBREVIATIONS OR ACRONYMS WILL BE IDENTIFIED AND INCLUDED IN SUBSEQUENT
*REPORTS)

ACC	ACCESS
ACOUS	ACOUSTIC OR ACOUSTICAL
ACQ	ACQUISITION
ACQUI	ACQUISITION
ADPTR	ADAPTER
AFHB	AUXILIARY AND FUEL HANDLING BUILDING
AH	AIR HANDLING
AHE	AIR HANDLING EQUIPMENT
AHVG	AIR HANDLING VALVE 'G'
AH-C	AIR HANDLING VALVE 'C'
ALC	AUXILIARY LIQUID CLEANUP (EPICOR 2)
ANAL	ANALYSIS OR ANALYZE
ANN	ANNULUS
APSR	AXIAL POWER SHAPING ROD
ARLK	AIRLOCK
AUX	AUXILIARY (BUILDING)
BLDG	BUILDING
BLK	BLOCK
BTL(S)	BOTTLE(S)
BWST	BORATED WATER STORAGE TANK
B&W	BABCOCK & WILCOX
CAT	CHEMICAL ADDITION TANK
CCB	CHEMICAL CLEANING BUILDING
CCT	CHEMICAL CLEANING TANK
CCTB	CHEMICAL CLEANING TANK 'B'
CCTV	CLOSED CIRCUIT TELEVISION
CDT	CONDENSATE DRAIN TANK
CFT	CORE FLOOD TANK
CHEM ADD	CHEMICAL ADDITION
CHK	CHECK
CLR(S)	COOLER(S)
CNTR (LD)	CONTROL OR CONTROLLED
CNTRL	CONTROL
COL	COLUMN
COMP	COMPACTOR
COMPOSIT	COMPOSITE
CONC	CONCENTRATED
COND	CONDENSER OR CONDENSATE
CONN	CONNECT OR CONNECTOR
CONST	CONSTRUCT OR CONSTRUCTION
CONT	CONTAMINATED
CONTR	CONTRACTOR
CORR	CORRIDOR

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.TMI-2 UNC: DDS - ACRONYMS AND ABBREVIATIONS FOR TMI-2 REPORTS M 286 I

*

* ACRONYM

DESCRIPTION

COUP	COUPLE OR COUPLING
COV	COVERAGE
CRD	CONTROL ROD DRIVE
CRDM	CONTROL ROD DRIVE MECHANISM
CTMT	CONTAINMENT
CTR	CENTER
CU	CLEAN UP
CWST	CONTAMINATED WASTE STORAGE TANK
CWT	CONTAMINATED WASTE TANK
DEBOR	DEBORATED OR DEBORATING
DECON	DECONTAMINATION
DEMIN	DEMINERALIZER
DH	DECAY HEAT
DHV	DECAY HEAT VAULT
DISCON	DISCONNECT
DISPOS	DISPOSE OR DISPOSAL
DP	DIFFERENTIAL PRESSURE
DSMNTL	DISMANTLE
DW	DEFUELING WATER
DWCS	DEFUELING WATER CLEANUP SYSTEM
EFF	EFFLUENT
EL	ELECTRICAL OR ELEVATION
ELEC	ELECTRIC OR ELECTRICAL
ELEVTR	ELEVATOR
ELEV(S)	ELEVATION(S)
ENGRG	ENGINEERING
EPI	EPICOR 2
EQUIP	EQUIPMENT
EVAP	EVAPORATOR
EXP	EXPERIMENT
FAB	FABRICATE
FAC	FACILITY
FHB	FUEL HANDLING BUILDING
FILT	FILTER
FLNGE	FLANGE
FLT	FILTER
FP	FUEL POOL
FSV	FIRE SERVICE VALVE
FTC	FUEL TRANSFER CANAL
FTS	FUEL TRANSFER SYSTEM
FUNCT	FUNCTION OR FUNCTIONAL
GEN	GENERAL
GLVBX	GLOVEBOX
HDR	HEADER
HEPA	HIGH EFFICIENCY PARTICULATE AIR
HGA (R)	HAYS GAS ANALYZER (ROOM)
HI LEV	HIGH LEVEL (WASTE)
HIC	HIGH INTEGRITY CONTAINER
HP	HEALTH PHYSICS (RADIOLOGICAL ENGINEERING)
HPR	HEALTH PHYSICS IN-LINE MONITOR

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.TMI-2

UNC: DDS - ACRONYMS AND ABBREVIATIONS FOR TMI-2 REPORTS M 286 I

*

* ACRONYM

DESCRIPTION

HRF-6B	HIGH RAD FILTER GLOVEBOX
HSE	HOUSE
HSEKPG	HOUSEKEEPING
HVAC	HEAT, VENTILATION, AIR CONDITIONING
H-2	HYDROGEN
ICC	INTERMEDIATE CLOSED COOLING WATER SYSTEM
IIF	INTERNALS INDEXING FIXTURE
INF	INFLUENT
INJ	INJECTION
INSP	INSPECT OR INSPECTION
INST	INSTRUMENT OR INSTRUMENTATION
INSTL	INSTALL OR INSTALLATION
INTERMED	INTERMEDIATE
IX	ION EXCHANGE
LAB	LABORATORY
LD	LEAD
LL	LOW LEVEL (WASTE)
LN(S)	LINE(S)
LOCA	LOSS OF COOLANT ACCIDENT
LP	LOW PRESSURE
LSA	LOW SPECIFIC ACTIVITY (WASTE)
LTSF	LONG TERM STORAGE FACILITY
MAG	MAGNETIC
MAINT	MAINTAIN OR MAINTENANCE
MANO	MANOMETER
MATL	MATERIAL
MB	(CURRENTLY UNKNOWN)
MC	MOTOR CONTROL
MC CTR	MOTOR CONTROL CENTER
MDH	MINI-DECAY HEAT
MDHR	MINI DECAY HEAT REMOVAL SYSTEM
MEAS	MEASURE OR MEASUREMENT
MGMT	MANAGEMENT
MISC	MISCELLANEOUS
MOD	MODIFICATION OR MODEL (ROOM)
MONIT(S)	MONITOR(S)
MOV	MOTOR OPERATED VALVE
MSA	MINE SAFETY APPLIANCE
MT	EMPTY
MU	MAKE UP
MUF	MAKE UP FILTER
MUP	MAKE UP PUMP
MUV	MAKE UP VALVE
MU&P	MAKE UP AND PURIFICATION
MW	MISCELLANEOUS WASTE
MWHT	MISCELLANEOUS WASTE HOLDUP TANK
MWT	MISCELLANEOUS WASTE TANK
NEUT	NEUTRON
NI	NUCLEAR INSTRUMENT OR INSTRUMENTATION
NLB	MANUFACTURER'S NAME FOR HYDROLASER PUMP

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.TMI-2

UNC: DDS - ACRONYMS AND ABBREVIATIONS FOR TMI-2 REPORTS M 286 I

*

* ACRONYM

DESCRIPTION

NM	NITROGEN MANIFOLD
NOZZ	NOZZLE
NRC	U. S. NUCLEAR REGULATORY COMMISSION
NS	NUCLEAR SERVICE
NSF	(CURRENTLY UNKNOWN)
NUC	NUCLEAR
NUC INST	NUCLEAR INSTRUMENTATION
N-2	NITROGEN
OCA	OWNER CONTROLLED AREA
OPER	OPERATION
OPS	OPERATIONS
OTSG	ONCE THROUGH STEAM GENERATOR
PACK	PACKAGE
PC OR P.C.	POLAR CRANE
PENET	PENETRATION
PERS	PERSON(S) OR PERSONNEL
PHOTO	PHOTOGRAPH OR PHOTOGRAPHIC
PKG	PACKAGE
PM OR P.M.	PREVENTATIVE MAINTENANCE
PMP	PUMP
PORV	PRESSURE OPERATED RELIEF VALVE
PREP	PREPARATION
PROC	PROCESS OR PROCESSING
PROT	PROTECTION
PWST	PROCESS WATER STORAGE TANK
PZR	PRESSURIZER
RAD	RADIATION, RADIOACTIVE, RADIOLOGICAL
RAD-CON (RC)	RADIOLOGICAL CONTROL (SPACE LIMITING)
RAM	RADIOACTIVE MATERIAL
RAP	(CURRENTLY UNKNOWN)
RB	REACTOR BUILDING
RBA	RECLAIMED BORIC ACID PUMP ROOM
RBAT	RECLAIMED BORIC ACID TANK
RC	REACTOR COOLANT
RCBT	REACTOR COOLANT BLEED TANK
RCDT	REACTOR COOLANT DRAIN TANK
RCF	(CURRENTLY UNKNOWN)
RCS	REACTOR COOLANT SYSTEM
RECIRC	RECIRCULATE OR RECIRCULATION
RECOMB	RECOMBINER
RELOC	RELOCATE
RES	RESIN
RET	RETURN
RMVE	REMOVE
RM(S)	ROOM(S)
RO-2A	RADIATION DETECTION INSTRUMENT
RV	REACTOR VESSEL
RVHSS	REACTOR VESSEL HEAD SERVICE STRUCTURE
RWP	RADIATION WORK PERMIT
SAM	COMMUNICATIONS SYSTEM

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.TMI-2

UNC: DDS - ACRONYMS AND ABBREVIATIONS FOR TMI-2 REPORTS M 286 I

*

* ACRONYM

DESCRIPTION

SAMP	SAMPLE
SCAF	SCAFFOLD
SDS	SUBMERGED DEMINERALIZER SYSTEM
SE ACRES	WASTE STORAGE AREA
SECT	SECTION
SERV	SERVICE
SF	SPENT FUEL
SFC	SPENT FUEL COOLER
SFF	SPENT FUEL FILTER
SFP	SPENT FUEL POOL
SFV	SPENT FUEL VALVE
SHLD(G)	SHIELD OR SHIELDING
SHIPMT	SHIPMENT
SHPPG	SHIPPING
SOLID	SOLIDIFICATION
SOP	STANDARD OPERATING PROCEDURE
SPC	STANDBY PRESSURE CONTROL
SPEC	SPECIAL OR SPECIFICATION
SPEC(T)	SPECTRA, SPECTRUM, OR SPECTROMETER
SSTR	(CURRENTLY UNKNOWN)
STAB	STABILIZE OR STABILITY
SU	SUMP OR STARTUP
SUPP	SUPPORT
SURV	SURVEY
SWS-P	PUMP IN SPENT FUEL POOL (REMOVED)
SYS	SYSTEM
TEMP	TEMPORARY
TER	TERMINATE OR TERMINAL
THRU	THROUGH
TK(S)	TANK(S)
TLD	THERMOLUMINESCENT DOSIMETER
TRO	(CURRENTLY UNKNOWN)
TSF	TEMPORARY STORAGE FACILITY
TURB	TURBINE (BUILDING)
TV	TELEVISION
UCI	MICROCURIE
V	VALVE (USED IN CONJUNCTION WITH A NUMBER OR LETTER)
VAC	VACUUM
VESS	VESSEL
VLV	VALVE
VSLS	VESSELS
WDG	WASTE DISPOSAL-GASEOUS
WDL	WASTE DISPOSAL-LIQUID
WDS	WASTE DISPOSAL-SOLID
WSF	WASTE STORAGE FACILITY
WSTE	WASTE
XFR OR XFER	TRANSFER
XMIT (TER)	TRANSMIT OR TRANSMITTER
XPORT	TRANSPORT

..... END REPORT

4.0 COMPUTER REPORTS

4.2 TMI-2 Protective Clothing Notes

PAGE NO. 1

.TMI-2

UNC: DDS - WASTE SHIPMENT REPORT - LAUNDRY NOTES

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M 286 G

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PROTECTIVE CLOTHING (LAUNDRY) NOTES

THIS REPORT IS A WORKING DOCUMENT AND WILL BE UPDATED PERIODICALLY.

NOTES:

1. DISPOSAL SITE COLUMN ENTRIES ARE: (COMMERCIAL LAUNDRIES)

TIL - TRISTATE INDUSTRIAL LAUNDRY

INTST - INTERSTATE UNIFORM COMPANY, NOW INTERSTATE NUCLEAR SERVICES

2. RADIONUCLIDES MEASURED ON PROTECTIVE CLOTHING USED DURING CLEANUP OPERATIONS AT TMI-2 ARE SHOWN BELOW AS AVERAGE WEIGHT PERCENTAGES:

NUCLIDE		NUCLIDE		NUCLIDE	
-----		-----		-----	
MN 54 -	0.05%	Y 90 -	4.11%	TE 135M -	3.20%
CO 57 -	0.10%	RU 106 -	1.00%	CS 134 -	1.34%
CO 60 -	57.20%	RH 106 -	1.00%	CS 137 -	13.50%
SR 90 -	4.11%	SB 125 -	1.39%	BA 137M -	13.80%

3. LAUNDRY CONTAINERS (CNTRS) ARE 55-GALLON DRUMS AND 42-CUBIC FOOT BOXES. BOXES ARE IDENTIFIED BY THE LETTER B (E.G. 4B). DRUMS ARE IDENTIFIED BY THE LETTER D (E.G. 3D).
4. TYP - A = ACTIVATION, C = CONTAMINATION
5. DNA = DATA NOT AVAILABLE; NEG = NEGLIGIBLE
6. DOT S/CLS - NOT APPLICABLE (N/A)
7. FOR LAUNDRY SHIPMENTS, WEIGHTS WERE GENERALLY ESTIMATED AND ARE NOT RELEVANT. LAUNDRY CHARGES ARE BASED ON INDIVIDUAL ITEMS SUCH AS COVERALLS, SHOE COVERS, GLOVES, ETC.
8. BLANK SPACES IN ALL COLUMNS INDICATE THAT VALUES ARE INCLUDED IN THE PREVIOUS LINE.

..... END REPORT

4.0 COMPUTER REPORTS

4.3 TMI-2 Waste Shipment Report - Protective Clothing

WASTE SHIPMENT REPORT - PROTECTIVE CLOTHING										RID 36																													
M 286 C																																							
PNO	1	UNC	DDS	- WASTE	SHIPMENT	REPORT	- PROTECTIVE	CLOTHING																															
* TMI-2	* SHPMT	* SYS/COMP	* NO	* DISPOSAL	* SITE	* CNTCT	* MR/HR	* 6 FT	* CAB	* RADIO	* NUCLIDE	* WASTE	* DESCRIPTION	* CNTRS	* TYP	* WAST	* DOT	* VOLUME	* WGT																				
* DATE	* NUMBER	* NO	* NO	* SITE	* CNTCT	* 6 FT	* CAB	* NAME	* CURIES	* WASTE	* DESCRIPTION	* CNTRS	* TYP	* FORM	* S/CLS	* CUB FT	* LBS																						
NOTE1										NOTE2										NOTE3										NOTE6									
790416	79036	TIL	1	20	0	40	0	20	0	00800	LAUNDRY	26D	C	SOL	N/A	195	0	DNA																					
790430	79041	TIL	10	00	0	70	0	20	0	01100	LAUNDRY	55D	C	SOL		412	5	DNA																					
790516	79049	TIL	1	20	0	20	0	10	0	02200	LAUNDRY	72D	C	SOL		540	0	DNA																					
790525	79053	TIL	1	20	0	10	0	10	0	03000	LAUNDRY	78D	C	SOL		585	0	DNA																					
790613	79058	TIL	<1	00	0	80	0	02	0	01400	LAUNDRY	89D	C	SOL		667	5	DNA																					
790620	79063	TIL	DNA		DNA		DNA		0	00500	LAUNDRY	91D	C	SOL		682	5	DNA																					
790626	79065	TIL	10	00	0	10	0	10	0	01200	LAUNDRY	85D	C	SOL		637	5	DNA																					
790705	79066	TIL	0	55	0	25	0	20	0	00400	LAUNDRY	90D	C	SOL		675	0	DNA																					
790712	79071	TIL	DNA		DNA		DNA		DNA		LAUNDRY	90D	C	SOL		675	0	DNA																					
790718	79077	TIL	DNA		DNA		DNA		DNA		LAUNDRY	72D	C	SOL		540	0	DNA																					
790723	79078	TIL	DNA		DNA		DNA		DNA		LAUNDRY	80D	C	SOL		600	0	DNA																					
790725	79080	TIL	DNA		DNA		DNA		DNA		LAUNDRY	100D	C	SOL		750	0	DNA																					
790801	79083	TIL	DNA		DNA		DNA		DNA		LAUNDRY	150D	C	SOL		1125	0	DNA																					
790809	79088	TIL	2	00	0	20	0	05	0	00900	LAUNDRY	74D	C	SOL		555	0	DNA																					
790816	79094	TIL	0	90	0	10	0	06	0	00800	LAUNDRY	100D	C	SOL		750	0	DNA																					
790823	79097	TIL	0	30	0	15	<0	10	0	01900	LAUNDRY	124D	C	SOL		930	0	DNA																					
790830	79110	TIL	0	50	<0	10	0	02	0	01200	LAUNDRY	109D	C	SOL		817	5	DNA																					
790906	79114	TIL	0	40	<0	10	<0	10	0	00500	LAUNDRY	60D	C	SOL		510	0	DNA																					
790919	79121	TIL	0	80	0	20	0	25	0	00800	LAUNDRY	95D	C	SOL		712	5	DNA																					
790927	79123	TIL	0	50	0	20	0	15	0	00600	LAUNDRY	94D	C	SOL		705	0	DNA																					
791004	79129	TIL	DNA		<0	10	<0	10	0	00700	LAUNDRY	117D	C	SOL		877	5	DNA																					
791018	79134	TIL	0	07	<0	10	<0	10	0	00800	LAUNDRY	124D	C	SOL		930	0	DNA																					
791113	79141	TIL	1	50	0	03	<0	10	0	00100	LAUNDRY	125D	C	SOL		937	5	DNA																					
791207	79162	TIL	DNA		DNA		DNA		DNA		LAUNDRY	76D	C	SOL		570	0	DNA																					
800222	80018	TIL	DNA		0	50	0	30	0	11700	LAUNDRY	45D	C	SOL		337	5	DNA																					
800319	80026	TIL	1	50	<0	10	<0	10	0	02600	LAUNDRY	11D	C	SOL		82	5	DNA																					
800609	80050	TIL	0	50	0	20	0	10	0	09400	LAUNDRY	144D	C	SOL		1080	0	DNA																					
800623	80059	TIL	0	30	0	05	0	04	0	00200	LAUNDRY	106D	C	SOL		795	0	DNA																					
800905	80105	TIL	0	50	0	10	0	12	0	04100	LAUNDRY	54D	C	SOL		405	0	DNA																					
801003	80122	TIL	0	60	0	20	<0	10	NEG		LAUNDRY	83D	C	SOL		622	5	DNA																					
801107	80141	TIL	1	30	<0	10	<0	10	0	00700	LAUNDRY	32D	C	SOL		240	0	DNA																					
801126	80147	TIL	0	40	0	10	0	06	0	00600	LAUNDRY	46D	C	SOL		345	0	DNA																					
810129	81010	TIL	0	08	0	05	0	06	0	00910	LAUNDRY	78D	C	SOL		585	0	9180																					
810227	81025	TIL	0	08	<0	10	<0	10	0	01040	LAUNDRY	55D	C	SOL		412	5	6284																					
810320	81031	TIL	0	70	<0	50	<0	10	0	00750	LAUNDRY	43D	C	SOL		322	5	5485																					
810414	81040	TIL	0	15	<0	15	<0	10	0	02280	LAUNDRY	30D	C	SOL		225	0	5175																					
810515	81054	TIL	0	40	<0	10	<0	10	0	12100	LAUNDRY	81D	C	SOL		607	5	10245																					
810611	81069	TIL	0	60	0	10	0	15	0	08200	LAUNDRY	78D	C	SOL		585	0	9895																					
810625	81080	TIL	0	10	<0	05	<0	05	0	02850	LAUNDRY	60D	C	SOL		450	0	7650																					
810709	81088	TIL	0	10	0	10	<0	05	0	03190	LAUNDRY	55D	C	SOL		412	5	7465																					
810730	81094	TIL	0	70	0	19	<0	05	0	03530	LAUNDRY	81D	C	SOL		607	5	11955																					
810813	81098	TIL	0	70	0	20	0	13	0	05730	LAUNDRY	60D	C	SOL		450	0	7784																					
810825	81102	TIL	0	20	0	08	0	06	0	05220	LAUNDRY	107D	C	SOL		802	5	15907																					
810826	81103	TIL	0	15	<0	05	<0	05	0	02000	LAUNDRY	70D	C	SOL		525	0	9710																					
810901	81106	TIL	0	50	0	05	0	06	0	00620	LAUNDRY	12D	C	SOL		90	0	1793																					
810901	81108	TIL	0	50	0	05	0	06	NEG		LAUNDRY		C	SOL		DNA		DNA																					
810924	81113	TIL	1	50	0	05	0	07	0	04220	LAUNDRY	50D	C	SOL		375	0	7767																					

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PNO	5	UNC	DDS	- WASTE	SHIPMENT	REPORT	- PROTECTIVE	CLOTHING	RID 36									
TMI-2		SHPMT	SYS/COMP	DISPOSAL	<-----	MR/HR	<-----	RADIO	NUCLIDE	M 286 C								
* DATE	NUMBER	NO	SITE	CNTCT	6 FT	CAB	NAME	CURIES	WASTE DESCRIPTION	CNTRS	TYP	WAST	DOT	VOLUME	WGT			
*=====	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
840926	84074		INTST	0 70	<0 10	0 04		0 00380	LAUNDRY	63D	C	SOL		472 5	12412			
	84074								LAUNDRY	7B				294 0				
841004	84078		INTST	<0 20	<0 20	0 08		0 00410	LAUNDRY	89D	C	SOL LSA		709 5	11831			
	84078								LAUNDRY	1B								
841010	84081		INTST	0 35	<0 10	0 08		0 00310	LAUNDRY	62D	C	SOL LSA		675 0	11661			
	84081								LAUNDRY	5B								
841017	84082		INTST	0 50	<0 10	0 05		0 00280	LAUNDRY	68D	C	SOL LSA		643 5	10836			
	84082								LAUNDRY	3B								
841031	84089		INTST	8 00	<1 00	0 12		0 00500	LAUNDRY	76D	C	SOL LSA		741 0	14744			
	84089								LAUNDRY	4B								
841107	84091		INTST	1 36	0 01	0 20		0 00400	LAUNDRY	88D	C	SOL LSA		786 0	15963			
	84091								LAUNDRY	3B								
841114	84094		INTST	1 20	0 02	0 12		0 00500	LAUNDRY	86D	C	SOL LSA		729 0	14906			
	84094								LAUNDRY	2B								
841121	84096		INTST	0 07	<0 01	<0 10		0 00300	LAUNDRY	51D	C	SOL LSA		592 5	11681			
	84096								LAUNDRY	5B								
841204	84097		INTST	0 30	<0 20	<0 20		0 00600	LAUNDRY	115D	C	SOL LSA		1030 5	20920			
	84097								LAUNDRY	4B								
841212	84099		INTST	0 60	0 12	<0 10		0 00600	LAUNDRY	101D	C	SOL LSA		967 5	19781			
	84099								LAUNDRY	5B								
841219	84103		INTST	0 30	<0 20	<0 20		0 00500	LAUNDRY	92D	C	SOL LSA		732 0	15097			
	84103								LAUNDRY	1B								
841227	84107		INTST	0 40	0 06	<0 10		0 00400	LAUNDRY	72D	C	SOL LSA		540 0	11232			
850103	85001		INTST	0 50	<0 10	<0 10		0 00200	LAUNDRY	31D	C	SOL LSA		400 5	7816			
	85001								LAUNDRY	4B								
850109	85004		INTST	<0 10	<0 10	<0 10		0 00300	LAUNDRY	64D	C	SOL LSA		606 0	12219			
	85004								LAUNDRY	3B								
850116	85005		INTST	0 20	<0 10	<0 10		0 00400	LAUNDRY	81D	C	SOL LSA		775 5	15616			
	85005								LAUNDRY	4B								
850123	85007		INTST	0 25	<0 10	<0 10		0 00300	LAUNDRY	67D	C	SOL LSA		586 5	11942			
	85007								LAUNDRY	2B								
850130	85009		INTST	0 80	0 15	<0 10		0 00400	LAUNDRY	117D	C	SOL LSA		919 5	18997			
	85009								LAUNDRY	1B								
850206	85011		INTST	0 70	0 15	0 02		0 00400	LAUNDRY	74D	C	SOL LSA		765 0	15269			
	85011								LAUNDRY	5B								
850220	85013		INTST	0 25	<0 10	<0 10		0 00400	LAUNDRY	80D	C	SOL LSA		684 0	13970			
	85013								LAUNDRY	2B								
850227	85015		INTST	0 40	<0 10	<0 10		0 00700	LAUNDRY	109D	C	SOL LSA		985 5	19984			
	85015								LAUNDRY	4B								
850306	85016		INTST	0 70	<0 10	<0 10		0 00600	LAUNDRY	94D	C	SOL LSA		877 0	17644			
	85016								LAUNDRY	4B								
850313	85018		INTST	0 25	<0 10	<0 10		0 00400	LAUNDRY	86D	C	SOL LSA		687 0	14161			
	85018								LAUNDRY	1B								
850320	85017		INTST	1 00	0 20	<0 10		0 00600	LAUNDRY	105D	C	SOL LSA		870 5	17870			
	85017								LAUNDRY	2B								
850327	85022		INTST	1 00	0 02	<0 10		0 00500	LAUNDRY	111D	C	SOL LSA		958 5	19551			
	85022								LAUNDRY	3B								
850403	85026		INTST	0 35	0 10	<0 10		0 00500	LAUNDRY	99D	C	SOL LSA		910 5	18424			
	85026								LAUNDRY	4B								
850409	85029		INTST	1 70	0 20	<0 10		0 00600	LAUNDRY	99D	C	SOL LSA		868 5	17679			

PNO	6	UNC	DDS	- WASTE	SHIPMENT	REPORT -	PROTECTIVE	CLOTHING	RID 36										
TMI-2									M 286 C										
* DATE	SHPMT	SYS/COMP	DISPOSAL	CNTCT	MR/HR	CAB	RADIO	NUCLIDE	WASTE DESCRIPTION	CNTRS	TYP	WAST	DOT	VOLUME	WGT				
* DATE	NUMBER	NO	SITE		6 FT		NAME	CURIES				FORM	S/CLS	CUB FT	LBS				
* 850417	85029		INTST	1 00	0 30	<0 10		0 00700	LAUNDRY	3B		C	SOL	LSA	868 5	17679			
* 850424	85032		INTST	1 20	0 20	<0 10		0 00700	LAUNDRY	99D		C	SOL	LSA	804 0	16466			
* 850501	85033		INTST	1 50	0 20	<0 20		0 00600	LAUNDRY	3B		C	SOL	LSA	891 0	18147			
* 850508	85037		INTST	0 60	0 10	<0 10		0 00563	LAUNDRY	102D		C	SOL	LSA	822 5	14438			
* 850515	85038		INTST	2 00	0 25	<0 10		0 00685	LAUNDRY	3B		C	SOL		84 0				
* 850522	85039		INTST	0 40	<0 10	<0 10		0 00362	LAUNDRY	83D		C	SOL		622 5	14438			
* 850528	85041		INTST	DNA	0 08	0 04		0 00406	LAUNDRY	2B		C	SOL		84 0				
* 850605	85042		INTST	0 90	0 10	0 04		0 00408	LAUNDRY	117D		C	SOL		877 5	21232			
* 850612	85044		INTST	0 60	0 06	0 04		0 00454	LAUNDRY	4B		C	SOL		168 0				
* 850619	85050		INTST	0 70	0 10	0 04		0 00695	LAUNDRY	75D		C	SOL		562 5	12445			
* 850626	85054		INTST	0 46	0 10	0 04		0 00431	LAUNDRY	1B		C	SOL		42 0				
* 850703	85056		INTST	0 50	0 06	0 04		0 00383	LAUNDRY	67D		C	SOL		502 5	13432			
* 850716	85059		INTST	1 00	0 20	0 04		0 00514	LAUNDRY	4B		C	SOL		168 0				
* 850724	85062		INTST	0 50	0 10	0 10		0 00372	LAUNDRY	89D		C	SOL		667 5	16119			
* 850731	85064		INTST	0 50	0 10	0 02		0 00351	LAUNDRY	3B		C	SOL		126 0				
* 850807	85066		INTST	0 46	0 10	DNA		0 00459	LAUNDRY	106D		C	SOL		795 0	18736			
* 850813	85067		INTST	0 44	0 10	0 04		0 00282	LAUNDRY	3B		C	SOL		138 0				
* 850821	85071		INTST	1 20	0 12	0 06		0 00340	LAUNDRY	90D		C	SOL		675 0	16275			
* 850827	85074		INTST	1 00	0 12	0 02		0 00333	LAUNDRY	3B		C	SOL		126 0				
* 850905	85077		INTST	0 50	0 08	0 02		0 00255	LAUNDRY	67D		C	SOL		502 5	13432			
* 850905	85077		INTST	0 60	0 16	0 02		0 00412	LAUNDRY	4B		C	SOL		168 0				
* 850927	85080		INTST	2 00	0 10	0 04		0 00668	LAUNDRY	66D		C	SOL		495 0	11786			
* 851003	85083		INTST	0 30	0 10	0 06		0 00339	LAUNDRY	2B		C	SOL		84 0				
* 851009	85084		INTST	0 80	0 06	0 04		0 00256	LAUNDRY	112D		C	SOL		840 0	18962			
* 851015	85085		INTST	DNA	DNA	DNA		0 00537	LAUNDRY	2B		C	SOL		84 0				
* 851024	85086		INTST	1 20	0 20	0 04		0 00743	LAUNDRY	3B		C	SOL		84 0				
	85088		INTST							97D		C	SOL		727 5	16622			

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PNO	7	UNC	DDS	- WASTE	SHIPMENT	REPORT -	PROTECTIVE	CLOTHING	RID 36									
TMI-2		SHPMT	SYS/COMP	DISPOSAL	MR/HR	CAB	RADIO	NUCLIDE	M 286 C									
* DATE	NUMBER	NO	SITE	CNTCT	6 FT		NAME	CURIES	WASTE DESCRIPTION	CNTRS	TYP	WAST	DOT	VOLUME	WGT			
*-----	*-----	*-----	*-----	*-----	*-----	*-----	*-----	*-----	*-----	*-----	*-----	*-----	*-----	*-----	*-----	*-----	*-----	*-----
* 851030	85088			INTST	1 80	0 50	0 08	0 00413	LAUNDRY	28	C	SOL		84 0				
* 851105	85091			INTST	0 70	0 14	0 06	0 00577	LAUNDRY	49D	C	SOL		367 5	8389			
* 851113	85096			INTST	1 20	0 20	0 10	0 00331	LAUNDRY	18	C	SOL		42 0				
* 851119	85100			INTST	0 60	0 20	0 05	0 00386	LAUNDRY	69D	C	SOL		517 5	12999			
* 851204	85106			INTST	DNA	DNA	DNA	0 00615	LAUNDRY	38	C	SOL		126 0				
* 851210	85109			INTST	1 50	0 16	0 04	0 00390	LAUNDRY	44D	C	SOL		330 0	9099			
* 851218	85113			INTST	0 40	0 12	<0 12	0 00704	LAUNDRY	38	C	SOL		126 0				
* 851226	85123			INTST	1 60	<0 05	<0 05	0 00454	LAUNDRY	61D	C	SOL		457 5	10261			
* 860102	85129			INTST	18 00	1 80	<0 06	0 00417	LAUNDRY	18	C	SOL		42 0				
* 860107	86001			INTST	0 50	0 15	0 04	0 00208	LAUNDRY	92D	C	SOL		690 0	15842			
* 860115	86003			INTST	DNA	DNA	DNA	0 00309	LAUNDRY	28	C	SOL		84 0				
* 860122	86005			INTST	1 70	0 12	0 04	0 00374	LAUNDRY	49D	C	SOL		367 5	9134			
* 860128	86008			INTST	0 40	0 13	0 06	0 00385	LAUNDRY	28	C	SOL		84 0				
* 860205	86011			INTST	1 00	0 24	0 06	0 00541	LAUNDRY	81D	C	SOL		607 5	15616			
* 860211	86012			INTST	1 20	0 15	0 05	0 00465	LAUNDRY	48	C	SOL		185 0				
* 860219	86014			INTST	DNA	DNA	DNA	0 00492	LAUNDRY	57D	C	SOL		427 5	10382			
* 860226	86017			INTST	0 40	0 12	<0 10	0 00452	LAUNDRY	28	C	SOL		101 0				
* 860304	86019			INTST	0 70	0 15	0 10	0 00614	LAUNDRY	44D	C	SOL		330 0	7609			
* 860311	86022			INTST	0 50	0 15	0 05	0 00359	LAUNDRY	18	C	SOL		42 0				
* 860319	86023			INTST	0 60	0 13	0 05	0 00358	LAUNDRY	44D	C	SOL		330 0	10277			
* 860325	86026			INTST	1 00	0 15	0 05	0 00451	LAUNDRY	58	C	SOL		212 0				
* 860331	86028			INTST	1 40	0 22	0 07	0 00725	LAUNDRY	69D	C	SOL		517 5	DNA			
* 860404	86029			INTST	0 60	0 12	0 06	0 00279	LAUNDRY	69D	C	SOL		517 5	12254			
* 860409	86030			INTST	DNA	DNA	DNA	0 00384	LAUNDRY	28	C	SOL		101 0				
* 860415	86032			INTST	0 60	0 15	0 06	0 00478	LAUNDRY	67D	C	SOL		502 5	13432			
	86033								LAUNDRY	48	C	SOL		185 0				

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PNO	9	UNC	DDS	- WASTE SHIPMENT REPORT - PROTECTIVE CLOTHING				RID 36								
TMI-2	SHPM	SYS/COMP	NO	DISPOSAL	CNTCT	MR/HR	CAB	RADIO	NUCLIDE	WASTE DESCRIPTION	CNTRS	TYP	WAST	DOT	VOLUME	WGT
DATE	NUMBER			SITE		6 FT		NAME	CURIES				FORM	S/CLS	CUB FT	LBS
* 861016	86101			INTST	0.36	0.08	0.06		0.00382	LAUNDRY	66D	C	SOL		495 0	11786
* 861022	86101			INTST	0.70	0.10	0.04		0.00338	LAUNDRY	28	C	SOL		80 0	
* 861030	86104			INTST	0.80	0.12	0.16		0.00319	LAUNDRY	84D	C	SOL		630 0	17674
* 861106	86109			INTST	DNA	DNA	DNA		0.00606	LAUNDRY	68	C	SOL		303 0	
* 861111	86114			INTST	DNA	DNA	DNA		0.00484	LAUNDRY	84D	C	SOL		630 0	14694
* 861114	86117			INTST	DNA	DNA	DNA		0.00362	LAUNDRY	28	C	SOL		101 0	
* 861118	86120			INTST	DNA	DNA	DNA		0.00620	LAUNDRY	110D	C	SOL		825 0	21730
* 861120	86122			INTST	DNA	DNA	DNA		0.00384	LAUNDRY	68	C	SOL		337 0	DNA
* 861122	86123			INTST	DNA	DNA	DNA		0.00265	LAUNDRY	70D	C	SOL		525 0	
* 861125	86124			INTST	DNA	DNA	DNA		0.00365	LAUNDRY	78	C	SOL		294 0	
* 861128	86125			INTST	DNA	DNA	DNA		0.00230	LAUNDRY	84D	C	SOL		630 0	18319
* 861201	86126			INTST	DNA	DNA	DNA		0.00231	LAUNDRY	78	C	SOL		294 0	
* 861203	86129			INTST	DNA	DNA	DNA		0.00189	LAUNDRY	125D	C	SOL		937 5	22480
* 861205	86130			INTST	DNA	DNA	DNA		0.00254	LAUNDRY	48	C	SOL		168 0	
* 861208	86133			INTST	DNA	DNA	DNA		0.00880	LAUNDRY	73D	C	SOL		547 5	12878
* 861211	86135			INTST	DNA	DNA	DNA		0.00471	LAUNDRY	28	C	SOL		84 0	
* 861215	86137			INTST	DNA	DNA	DNA		0.00367	LAUNDRY	62D	C	SOL		465 0	14142
* 861218	86138			INTST	DNA	DNA	DNA		0.00371	LAUNDRY	68	C	SOL		252 0	
* 861222	86139			INTST	DNA	DNA	DNA		0.00328	LAUNDRY	67D	C	SOL		502 5	12687
* 861224	86143			INTST	DNA	DNA	DNA		0.00233	LAUNDRY	38	C	SOL		126 0	
* 861229	86144			INTST	DNA	DNA	DNA		0.00183	LAUNDRY	47D	C	SOL		352 5	11057
* 861231	86147			INTST	DNA	DNA	DNA		0.00358	LAUNDRY	58	C	SOL		435 0	12028
* 870105	86148			INTST	DNA	DNA	DNA		0.00272	LAUNDRY	48	C	SOL		168 0	
* 870108	87002			INTST	DNA	DNA	DNA		0.00363	LAUNDRY	49D	C	SOL		367 5	9879
* 870112	87003			INTST	DNA	DNA	DNA		0.00461	LAUNDRY	38	C	SOL		126 0	
* 870115	87004			INTST	DNA	DNA	DNA		0.00462	LAUNDRY	100D	C	SOL		750 0	18580
	87005			INTST	DNA	DNA	DNA			LAUNDRY	48	C	SOL		168 0	
				INTST	DNA	DNA	DNA			LAUNDRY	87D	C	SOL		652 5	17297

PNO 10										RID 36									
TMI-2										M 286 C									
* DATE	SHPMT NUMBER	UNC: DDS SYS/COMP NO	- WASTE DISPOSAL SITE	MR/HR CNTCT	6 FT	CAB	RADIO NAME	NUCLIDE CURIES	WASTE DESCRIPTION	CNTRS	TYP	WAST FORM	DOT S/CLS	VOLUME CUB FT	WGT LBS				
* 870119	87005								LAUNDRY	5B				210 0					
* 870122	87007		INTST	DNA	DNA	DNA	0 00419		LAUNDRY	38D	C	SOL		285 0	8163				
* 870126	87008		INTST	DNA	DNA	DNA	0 00574		LAUNDRY	3B				126 0					
* 870129	87010		INTST	DNA	DNA	DNA	0 00363		LAUNDRY	97D	C	SOL		727 5	18112				
* 870202	87012		INTST	DNA	DNA	DNA	0.00369		LAUNDRY	4B				168 0					
* 870205	87013		INTST	DNA	DNA	DNA	0 00363		LAUNDRY	69D	C	SOL		517 5	12999				
* 870209	87014		INTST	DNA	DNA	DNA	0 00354		LAUNDRY	3B				126 0					
* 870212	87017		INTST	DNA	DNA	DNA	0 00502		LAUNDRY	87D	C	SOL		652 5	15807				
* 870216	87019		INTST	DNA	DNA	DNA	0 00261		LAUNDRY	3B				126 0					
* 870219	87021		INTST	DNA	DNA	DNA	0 00370		LAUNDRY	85D	C	SOL		637 5	16985				
* 870223	87022		INTST	DNA	DNA	DNA	0 00374		LAUNDRY	7B				294 0					
* 870226	87025		INTST	DNA	DNA	DNA	0 00367		LAUNDRY	63D	C	SOL		472 5	12808				
* 870302	87026		INTST	DNA	DNA	DNA	0 00326		LAUNDRY	4B				168 0					
* 870305	87030		INTST	DNA	DNA	DNA	0 00479		LAUNDRY	85D	C	SOL		637 5	16985				
* 870309	87033		INTST	DNA	DNA	DNA	0 00415		LAUNDRY	5B				210 0					
* 870312	87034		INTST	DNA	DNA	DNA	0.00320		LAUNDRY	89D	C	SOL		667 5	16119				
* 870316	87036		INTST	DNA	DNA	DNA	0 00367		LAUNDRY	3B				126 0					
* 870319	87039		INTST	DNA	DNA	DNA	0.00392		LAUNDRY	88D	C	SOL		660 0	18198				
* 870323	87044		INTST	DNA	DNA	DNA	0.00387		LAUNDRY	6B				252 0					
* 870326	87045		INTST	DNA	DNA	DNA	0.00246		LAUNDRY	81D	C	SOL		607 5	16361				
* 870329	87048		INTST	DNA	DNA	DNA	0.00299		LAUNDRY	5B				210 0					
* 870402	87050		INTST	DNA	DNA	DNA	0.00396		LAUNDRY	98D	C	SOL		735 0	20503				
* 870416	87055		INTST	DNA	DNA	DNA	0.00392		LAUNDRY	3B				126 0					
* 870419	87051		INTST	DNA	DNA	DNA	0.00486		LAUNDRY	7B				294 0					
* 87051									LAUNDRY	4B				168 0					

PROTECTIVE CLOTHING (LAUNDRY)

GRAND-TOTAL -

PNO 11
 TMI-2 UNC DDS - WASTE SHIPMENT REPORT - PROTECTIVE CLOTHING RID 36
 M 286 C

* DATE	SHPMT NUMBER	SYS/COMP NO	DISPOSAL SITE	<----- CNTCT	MR/HR 6 FT	-----> CAB	RADIO NAME	NUCLIDE CURIES	WASTE DESCRIPTION	CNTRS TYP	WAST FORM	DOT S/CLS	VOLUME CUB FT	WGT LBS

DRUMS CONTAINERS = 26.119														
ACTIVITY, CURIES = 6 25720*														
VOLUME, CU FT = 199.542 00*														
WEIGHT, LBS = 3,426,656*														
BOXES CONTAINERS = 516														
ACTIVITY, CURIES = 0*														
VOLUME, CU FT = 19.296 00*														
WEIGHT, LBS = 0*														
ALL CONTAINERS = 26.635														
ACTIVITY, CURIES = 6 25720*														
VOLUME, CU FT = 218.838 00														
WEIGHT, LBS = 3,426,656*														
END REPORT														

4.0 COMPUTER REPORTS

4.4 TMI-2 Radioactive Waste Notes

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.TMI-2

UNC: DDS - WASTE SHIPMENT REPORT - RADWASTE NOTES

RID 24

M 286 G

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RADIOACTIVE WASTE NOTES

THIS REPORT IS A WORKING DOCUMENT AND WILL BE UPDATED PERIODICALLY.

NOTES:

1. WASTE DISPOSAL SITES

RICHL - U.S. ECOLOGY, RICHLAND, WASHINGTON
EG&G - IDAHO NATIONAL ENGINEERING LABORATORY, SCOVILLE, IDAHO
DOEID - IDAHO NATIONAL ENGINEERING LABORATORY, SCOVILLE, IDAHO
DOERL - DOE-RL HANFORD, RICHLAND, WASHINGTON WASHINGTON
QUADREX - QUADREX CORPORATION, OAK RIDGE, TENNESSEE (DECONTAMINATION
FACILITY--NOT A DISPOSAL SITE)

2. RADIONUCLIDES REMOVED FROM ACCIDENT WATER DURING PROCESSING THROUGH THE SUBMERGED DEMINERALIZER SYSTEM (SDS), THE EPICOR SYSTEM PREFILTERS (PF) AND THE EPICOR SYSTEM DEMINERALIZERS (DF, DS, F, K AND 2K) ARE SHOWN AS AVERAGE WEIGHT PERCENTAGES IN THE FOLLOWING TABLE: (NS - NOT SIGNIFICANT) THE REMAINING INSIGNIFICANT PERCENTAGES CONSIST OF MINUTE AMOUNTS OF OTHER FISSION PRODUCTS. IT IS ASSUMED THAT ALL WASTES CONTAIN THE SAME RADIO-NUCLIDE CONCENTRATIONS AS ACCIDENT WATER.

NUCLIDE	SDS	PF	DF	DS	F	K & 2K
-----	---	--	--	--	---	-----
	%	%	%	%	%	%
CR 51	NS	NS	NS	0.04	NS	0.12
MN 54	NS	0.02	NS	NS	0.01	0.08
CO 58	NS	NS	NS	NS	0.04	NS
CO 60	0.01	0.01	NS	0.05	0.13	0.08
SR 90	1.85	2.71	7.65	30.97	29.36	32.45
Y 90	1.85	2.71	7.65	30.97	29.36	32.45
RU 103	NS	NS	NS	0.01	NS	NS
RH 103M	NS	NS	NS	0.01	NS	NS
RU 106	0.26	0.91	1.23	1.25	0.69	1.03
RH 106	0.26	0.91	1.23	1.25	0.69	1.03
AG 110	NS	0.03	0.10	0.01	NS	NS
SN 113	NS	NS	NS	0.04	NS	NS
IN 113	NS	NS	NS	0.04	NS	NS
SB 125	0.34	0.05	0.32	0.65	18.48	20.06
TE 125M	0.08	0.02	0.07	0.11	4.25	4.62
CS 134	3.90	4.54	5.07	2.28	0.79	0.34
CS 137	46.81	45.21	39.18	15.97	7.08	2.93
BA 137M	44.29	42.77	37.07	15.10	6.69	2.77
CE 144	0.17	NS	0.18	0.59	1.21	1.02
PR 144	0.17	NS	0.18	0.59	1.21	1.02
	-----	-----	-----	-----	-----	-----
TOTAL	99.99	99.89	99.93	99.93	99.99	100

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.TMI-2

UNC: DDS - WASTE SHIPMENT REPORT - RADWASTE NOTES

M 286 G

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3. CONTAINERS (CNTRS) - B = BOX; D = DRUM; C = CASK; L = LINER; T = TANK

4. TYPE - A = ACTIVATION, C = CONTAMINATION

5. DOT S/CLS - LSA = LOW SPECIFIC ACTIVITY; LQ = LARGE QUANTITY

6. NEG - NEGLIGIBLE (USUALLY LESS THAN ONE MILLICURIE)

7. DNA - DATA NOT AVAILABLE

..... END REPORT

4.0 COMPUTER REPORTS

4.5 Waste Shipment Report - Radioactive Waste

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PNO 2		RID 37																	
TMI-2		M 286 C																	
* DATE	SHPMT NUMBER	UNC SYS/COMP NO	DDS - WASTE DISPOSAL SITE	SHIPMENT CNTCT	REPORT MR/HR 6 FT	RADIOACTIVE CAB	WASTE NAME	NUCLIDE CURIES	WASTE DESCRIPTION	CNTRS	TYP	WAST FORM	DOT S/CLS	VOLUME CUB FT	WGT LBS				
800805	80084		RICHL	18 00	2 00	0 25		2 50000	RESIN LINER D-19	1C	C	SOL LSA		155 8	7500				
800807	80093		RICHL	1 60	0 12	<0 10		5 60000	RESIN LINER P-10	1C	C	SOL LSA		155 8	7500				
800902	80099		RICHL	0 50	0 10	0 10		7 80000	RESIN LINER D-4	1C	C	SOL LSA		155 8	7500				
800903	80098		RICHL	11 00	1 00	0 10		4 80000	RESIN LINER D-1	1C	C	SOL LSA		155 8	7500				
800905	80104		RICHL	14 00	1 30	0 15		0 20000	NON-COMPACTED TRASH	10B	C	SOL LSA		1239 0	22400				
	80104									34D				255 0					
800915	80111		RICHL	<0 05	<0 05	<0 05		0 00000	WATER POLISHING RESIN	104D	C	SOL LSA		780 0	12000				
800918	80113		RICHL	13 00	0 70	0 20		3 60000	RESIN LINER D-6	1C	C	SOL LSA		155 8	7500				
800924	80112		RICHL	60 00	60 00	0 20		1 50000	NON-COMPACTED TRASH	10B	C	SOL LSA		1239 0	DNA				
	80112									34D				255 0					
800929	80116		RICHL	60 00	8 00	0 60		13 30000	RADIAC AND COMP TRASH	75D	C	SOL LSA		560 1	17309				
801002	80121		RICHL	0 10	0 10	0 10		0 00000	WATER POLISHING RESIN	55D	C	SOL LSA		624 0	36250				
801003	80123		RICHL	14 00	0 80	0 20		5 70000	RESIN LINER D-5	1C	C	SOL LSA		155 8	7500				
801014	80128		RICHL	70 00	3 00	1 30		0 60000	COMP & NON-COMP TRASH	6B	C	SOL LSA		745 5	35039				
	80128									65D				487 5					
801015	80129		RICHL	22 00	5 00	1 30		1 20000	COMP & NON-COMP TRASH	10B	C	SOL LSA		1240 0	26252				
	80129									20D				146 0					
801016	80127		RICHL	83 00	2 50	0 50		0 50000	COMP & NON-COMP TRASH	5B	C	SOL LSA		625 0	39100				
	80127									70D				525 0					
801017	80132		RICHL	120 00	1 40	0 50		0 20000	NON-COMPACTED TRASH	152D	C	SOL LSA		1140 0	26500				
801020	80130		RICHL	<0 05	<0 05	<0 05		0 00000	WATER POLISHING RESIN	55D	C	SOL LSA		624 0	33650				
801103	80138		RICHL	0 45	0 07	<0 05		0 00000	RESINS	71D	C	SOL LSA		811 0	31500				
801120	80137		RICHL	9 00	0 80	0 50		0 30000	NON-COMPACTED TRASH	24B	C	SOL LSA		2299 2	33000				
801219	80153		RICHL	13 00	2 50	0 10		1 00000	RESINS & COMP TRASH	9B	C	SOL LSA		1129 9	DNA				
	80153									25D				187 5					
810220	81017		RICHL	5 50	1 30	0 10		0 60000	MISC TRASH	92D	C	SOL LSA		690 0	32939				
	81017									8B				766 4					
810326	81033		RICHL	50 00	7 00	0 60		6 60000	MISC TRASH	65D	C	SOL LSA		487 5	35230				
	81033									10B				974 0					
810409	81039		RICHL	35 00	4 00	1 00		2 30000	MISC TRASH	38D	C	SOL LSA		285 0	16456				
	81039									4B				467 2					
810423	81043		RICHL	0 70	0 15	<0 10		3 64000	EPICOR DF-11	1C	C	SOL LSA		170 0	2650				
810425	81045		RICHL	DNA	DNA	DNA		1 34000	EPICOR DF-13	1C	C	SOL LSA		170 0	2650				
810428	81046		RICHL	7 00	0 70	<0 20		3 20000	EPICOR DF-9	1C	C	SOL LSA		170 0	2650				
810429	81047		RICHL	<0 10	<0 10	<0 10		0 60000	EPICOR DF-7	1C	C	SOL LSA		170 0	2650				
810512	81051		RICHL	1 00	<0 20	<0 20		2 20000	EPICOR DF-8	1C	C	SOL LSA		170 0	2650				
810512	81052		RICHL	1 00	<0 20	<0 20		2 10000	EPICOR DF-14	1C	C	SOL LSA		170 0	2650				
810518	81056		DOEID	20 00	0 50	0 20		2267 800	EPICOR PF-16	1C	C	SOL LQ		170 0	2650				
810520	81057		RICHL	1 10	0 50	<0 50		2 40000	EPICOR DF-12	1C	C	SOL LSA		170 0	2650				
810522	81058		RICHL	1 80	0 18	<0 18		3 70000	EPICOR DF-15	1C	C	SOL LSA		170 0	2650				
810526	81059		RICHL	0 70	<0 10	<0 20		1 30000	EPICOR DF-10	1C	C	SOL LSA		170 0	2650				
810601	81064		RICHL	0 25	<0 20	<0 20		1 30000	EPICOR DS-3	1C	C	SOL LSA		170 0	7500				
810608	81063		RICHL	0 60	<0 20	<0 20		1 20000	EPICOR DS-5	1C	C	SOL LSA		170 0	7500				
810608	81065		RICHL	0 70	<0 20	<0 20		3 00000	EPICOR DS-7	1C	C	SOL LSA		170 0	7500				
810609	81067		RICHL	1 50	<0 10	<0 10		4 40000	EPICOR DS-6	1C	C	SOL LSA		170 0	7500				
810610	81070		RICHL	11 00	0 80	<0 20		11 70000	EPICOR DS-2	1C	C	SOL LSA		170 0	7500				
810616	81073		RICHL	42 00	3 50	<0 20		7 90000	EPICOR DS-1	1C	C	SOL LSA		170 0	7500				
810618	81076		RICHL	12 00	1 00	<0 01		7 00000	EPICOR DF-4	1C	C	SOL LSA		170 0	3500				
810619	81077		RICHL	8 00	0 70	<0 20		20 50000	MISC TRASH	10D	C	SOL LSA		116 0	2604				
810623	81068		RICHL	18 00	2 50	<0 30		2 30000	MISC TRASH	60D	C	SOL LSA		450 0	3500				

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PNO	3	UNC	DDS	- WASTE	SHIPMENT	REPORT	- RADIOACTIVE	WASTE	RID 37										
TMI-2		SHPMT	SYS/COMP	DISPOSAL	<-----	MR/HR	<----->	RADIO	M 286 C										
* DATE	NUMBER	NO		SITE	CNTCT	6 FT	CAB	NAME	NUCLIDE	WASTE DESCRIPTION	CNTRS	TYP	WAST	DOT	VOLUME	WGT			
*-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*	81068										10B				966	0			
810623	81079			RICHL	0 30	<0 20	<0 20	55 40000	EPICOR DF-5		1C	C	SOL	LSA	170	0	3500		
810626	81081			RICHL	26 00	4 00	<0 20	1 00000	EPICOR DS-4 & RESINS		1C	C	SOL	LSA	170	0	14048		
810626	81082			RICHL	60 00	5 50	0 15	46 00000	EPICOR DF-3		1C	C	SOL	LSA	170	0	14048		
810626	81083			RICHL	130 00	9 00	0 35	74 00000	EPICOR DF-6		1C	C	SOL	LSA	170	0	14048		
810627	81084			RICHL	6 00	<0 20	<0 20	46 00000	EPICOR DF-1		1C	C	SOL	LSA	170	0	3500		
810701	81085			RICHL	3 00	0 15	<0 10	9 80000	MISC TRASH		1C	C	SOL	LSA	139	5	5263		
810729	81093			RICHL	50 00	8 00	0 10	0 60000	MISC TRASH & RESINS		1C	C	SOL	LSA	156	0	9000		
810910	81107			RICHL	30 00	4 00	0 10	4 90000	MISC TRASH		105D	C	SOL	LSA	787	5	39636		
*	81107										5B				496	5			
811007	81118			RICHL	0 50	0 10	<0 10	2 90000	EPICOR F-1		1C	C	SOL	LSA	170	0	7241		
811007	81121			RICHL	1 60	0 20	<0 10	3 20000	EPICOR F-2		1C	C	SOL	LSA	170	0	7241		
811016	81124			RICHL	0 20	<0 10	<0 10	2 50000	EPICOR F-4		1C	C	SOL	LSA	170	0	7415		
811016	81125			RICHL	1 50	0 10	<0 10	4 60000	EPICOR F-5		1C	C	SOL	LSA	170	0	7415		
811022	81128			RICHL	0 20	<0 10	<0 10	1 00000	EPICOR K-1		1C	C	SOL	LSA	170	0	7520		
811028	81131			RICHL	0 20	<0 20	<0 10	1 90000	EPICOR F-6		1C	C	SOL	LSA	170	0	7021		
811029	81133			RICHL	0 40	<0 20	<0 20	3 20000	EPICOR F-7		1C	C	SOL	LSA	170	0	7021		
811104	81134			RICHL	0 80	0 15	<0 05	3 00000	EPICOR F-8		1C	C	SOL	LSA	170	0	7021		
811106	81136			RICHL	3 00	0 60	0 05	2 60000	MISC TRASH		8B	C	SOL	LSA	996	0	5151		
*	81136							0 01000	EPICOR 2K1		1L	C	SOL	LSA	170	0	4500		
811106	81137			RICHL	<0 20	<0 20	<0 20	2 00000	EPICOR F-9		1C	C	SOL	LSA	170	0	5151		
811106	81138			RICHL	<0 20	<0 20	<0 20	2 40000	EPICOR K-2		1C	C	SOL	LSA	170	0	5151		
811113	81139			RICHL	0 10	<0 05	<0 05	2 20000	EPICOR F-10		1C	C	SOL	LSA	170	0	7021		
811113	81140			RICHL	0 20	<0 10	<0 10	1 70000	EPICOR F-11		1C	C	SOL	LSA	170	0	7021		
811113	81141			RICHL	0 20	<0 10	<0 10	2 20000	EPICOR F-12		1C	C	SOL	LSA	170	0	7021		
811130	81147			RICHL	0 30	<0 10	<0 10	3 20000	EPICOR K-3		1C	C	SOL	LSA	170	0	6671		
811202	81148			RICHL	0 30	<0 05	<0 05	2 60000	EPICOR F-13		1C	C	SOL	LSA	170	0	7021		
811207	81149			RICHL	0 50	<0 05	<0 05	2 50000	EPICOR F-14		1C	C	SOL	LSA	170	0	7021		
811208	81150			RICHL	0 40	<0 05	<0 05	2 30000	EPICOR F-15		1C	C	SOL	LSA	170	0	6801		
811211	81151			RICHL	0 10	<0 05	<0 05	3 10000	EPICOR F-16		1C	C	SOL	LSA	170	0	6801		
811215	81153			RICHL	0 30	<0 10	<0 10	4 10000	EPICOR F-13		1C	C	SOL	LSA	170	0	7440		
811215	81154			RICHL	0 70	<0 10	<0 10	5 30000	EPICOR F-17		1C	C	SOL	LSA	170	0	7440		
811228	81158			RICHL	0 50	<0 20	<0 20	5 10000	EPICOR F-18		1C	C	SOL	LSA	170	0	7440		
811229	81159			RICHL	0 80	0 10	<0 05	4 90000	EPICOR F-19		1C	C	SOL	LSA	170	0	7440		
820205	82004			RICHL	20 00	1 40	<0 20	1 80000	COMPACTED TRASH		79D	C	SOL	LSA	592	5	27301		
820429	82028			RICHL	14 00	3 20	0 20	6 30000	MISC TRASH & FLAM LIQ		10B	C	SOL	LSA	978	0	39984		
*	82028										16D				120	0			
820521	82036			DOERL	DNA	DNA	DNA	12895 76	SDS LINER D-10015		1C	C	SOL		170	0	DNA		
820616	81072			RICHL	10 00	1 70	<0 10	8 00000	EPICOR DF-2		1C	C	SOL	LSA	170	0	3500		
820625	82042			RICHL	60 00	5 00	0 10	0 50000	MISC TRASH & RESINS		6B	C	SOL	LSA	746	5	25570		
*	82042										25D				187	5			
*	82042							0 09000	EPICOR 2K-3		1L	C	SOL	LSA	170	0	4500		
*	82042							0 02000	EPICOR 2K-4		1L	C	SOL	LSA	170	0	4500		
*	82042							0 03000	EPICOR 2K-5		1L	C	SOL	LSA	170	0	4500		
820806	82049			DOEID	DNA	DNA	DNA	1878 320	EPICOR PF-3		1C	C	SOL	LQ	170	0	3015		
820817	82101			DOEID	8 00	0 40	<0 10	2025 100	EPICOR PF-18		1C	C	SOL	LQ	170	0	4000		
820825	82053			DOEID	1 40	<0 20	<0 20	1497 800	EPICOR PF-1		1C	C	SOL	LQ	170	0	3015		
820914	82056			RICHL	100 00	8 00	0 30	0 60000	MISC TRASH		7B	C	SOL	LSA	686	0	19250		
820923	82063			RICHL	DNA	9 00	0 20	1 50000	MISC TRASH		8B	C	SOL	LSA	992	0	40846		
*	82063										24D				180	0			

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PNO	4	UNC	DDS	- WASTE	SHIPMENT	REPORT	- RADIOACTIVE	WASTE	RID 37										
* DATE	SHPMT	SYS/COMP	DISPOSAL	<-----	MR/HR	----->	RADIO	NUCLIDE	M 286 C										
* DATE	NUMBER	NO	SITE	CNTCT	6 FT	CAB	NAME	CURIES	WASTE DESCRIPTION	CNTRS	TYP	WAST	DOT	VOLUME	WGT				
* DATE	NUMBER	NO	SITE	CNTCT	6 FT	CAB	NAME	CURIES	WASTE DESCRIPTION	CNTRS	TYP	WAST	DOT	VOLUME	WGT				
821007	82067		DOEID	8 00	0 10	<0 10		1052 000	EPICOR PF-2	1C	C	SOL	LQ	170 0	3015				
821014	82072		RICHL	DNA	DNA	DNA		0 30000	MISC TRASH	20B	C	SOL	LSA	467 2	23757				
821021	82074		DOEID	0 60	<0 20	<0 10		1401 900	EPICOR PF-7	1C	C	SOL	LQ	170 0	3010				
821023	82076		DOEID	7 00	0 30	<0 05		1366 600	EPICOR PF-8	1C	C	SOL	LQ	170 0	3015				
821028	82075		DOEID	17 00	0 30	<0 10		1351 200	EPICOR PF-9	1C	C	SOL	LQ	170 0	3015				
821102	82080		DOEID	12 00	0 40	<0 10		2035 900	EPICOR PF-45	1C	C	SOL	LQ	170 0	4000				
821103	82078		DOEID	25 00	0 10	<0 20		2183 800	EPICOR PF-46	1C	C	SOL	LQ	170 0	4000				
821117	82086		DOEID	30 00	0 40	0 07		1953 600	EPICOR PF-20	1C	C	SOL	LQ	170 0	4000				
821119	82087		RICHL	6 00	3 00	0 20		0 60000	MISC TRASH	10B	C	SOL	LSA	229 9	44100				
*	82087									105D				787 5					
821129	82082		DOEID	6 00	0 10	0 10		1939 200	EPICOR PF-47	1C	C	SOL	LQ	170 0	4000				
821201	82093		DOEID	16 00	0 50	<0 10		1953 600	EPICOR PF-27	1C	C	SOL	LQ	170 0	4000				
821206	82097		DOEID	30 00	0 40	<0 05		1939 200	EPICOR PF-48	1C	C	SOL	LQ	170 0	4000				
821213	82100		DOEID	95 00	7 00	0 05		165 8000	EPICOR PF-6	1C	C	SOL	LQ	170 0	4000				
821214	82102		DOEID	4 00	0 50	<0 10		1845 400	EPICOR PF-44	1C	C	SOL	LQ	170 0	4000				
821217	82104		RICHL	25 00	3 50	0 80		0 80000	MISC TRASH	117D	C	SOL	LSA	878 5	31413				
821229	82107		DOEID	15 00	0 30	<0 10		1776 000	EPICOR PF-49	1C	C	SOL	LQ	170 0	4000				
821231	82108		DOERL	50 00	2 50	0 35		112635 0	SDS LINER D-10012	1C	C	SOL	LQ	15 1	1000				
830107	83005		DOEID	7 00	<0 10	<0 10		1603 700	EPICOR PF-50	1C	C	SOL	LQ	170 0	4000				
830107	83006		DOEID	60 00	6 00	0 50		159 7000	EPICOR PF-5	1C	C	SOL	LQ	170 0	4000				
830119	83009		DOEID	15 00	<0 10	<0 10		909 6000	EPICOR PF-11	1C	C	SOL	LQ	170 0	3000				
830119	83012		RICHL	40 00	7 00	0 30		4 20000	MISC TRASH	11D	C	SOL	LSA	82 5	3000				
830120	83015		DOEID	0 70	0 25	<0 05		1988 100	EPICOR PF-19	1C	C	SOL	LQ	170 0	4000				
830121	83013		DOERL	50 00	2 50	0 40		112621 0	SDS LINER D-10016	1C	C	SOL	LQ	15 1	1000				
830128	83017		DOEID	20 00	0 50	0 15		1953 700	EPICOR PF-26	1C	C	SOL	LQ	170 0	4000				
830203	83020		DOEID	35 00	0 20	<0 20		1767 000	EPICOR PF-42	1C	C	SOL	LQ	170 0	4000				
830204	83019		DOEID	15 00	0 15	0 10		1767 000	EPICOR PF-35	1C	C	SOL	LQ	170 0	4000				
830204	83024		DOEID	20 00	<0 10	<0 10		1953 600	EPICOR PF-25	1C	C	SOL	LQ	170 0	4000				
830207	83023		RICHL	0 50	<0 20	<0 20		0 00000	CONCRETE SHIELD BLKS	30B	C	SOL	LSA	696 0	40658				
830211	83028		DOERL	60 00	4 00	1 50		97151 00	SDS LINER D-10013	1C	C	SOL	LQ	15 1	1000				
830214	83025		RICHL	120 00	7 00	0 80		0 00000	MISC TRASH	6B	C	SOL	LSA	588 0	12668				
830223	83033		DOEID	15 00	0 20	<0 05		1767 000	EPICOR PF-40	1C	C	SOL	LQ	170 0	4000				
830224	83027		DOEID	10 00	0 10	<0 10		1767 000	EPICOR PF-36	1C	C	SOL	LQ	170 0	4000				
830224	83035		RICHL	25 00	6 50	1 00		0 50000	MISC TRASH	94D	C	SOL	LSA	705 0	4000				
830225	83034		DOEID	40 00	0 60	0 10		1767 000	EPICOR PF-32	1C	C	SOL	LQ	170 0	4000				
830304	83040		DOEID	85 00	9 50	1 00		227 4000	EPICOR PF-10	1C	C	SOL	LQ	170 0	1000				
830304	83038		DOERL	45 00	1 50	0 30		59542 00	SDS LINER D-10017	1C	C	SOL	LQ	15 1	1000				
830309	83044		DOEID	12 00	0 50	<0 10		1767 000	EPICOR PF-43	1C	C	SOL	LQ	170 0	4000				
830315	83043		DOEID	14 00	0 60	0 07		1767 000	EPICOR PF-39	1C	C	SOL	LQ	170 0	4000				
830315	83043		RICHL	3 00	0 25	0 12		0 10000	CONCRETE BLOCKS	28B	C	SOL	LSA	649 6	4000				
830322	83052		RICHL	2 00	0 10	0 10		7 70000	H-8 LEADSCREW SECTIONS	1C	C	SOL	LQ	238 0	38000				
830323	83048		DOEID	15 00	0 50	0 06		1767 000	EPICOR PF-33	1C	C	SOL	LQ	170 0	4000				
830323	83049		DOEID	15 00	<0 10	<0 10		1953 600	EPICOR PF-29	1C	C	SOL	LQ	170 0	4000				
830325	83051		DOERL	3 00	<0 05	0 10		5272 000	SDS LINER D-10018	1C	C	SOL	LQ	15 1	1000				
830325	83047		RICHL	50 00	9 00	0 25		0 20000	MISC TRASH	29D	C	SOL	LSA	217 5	9285				
*	83047									1B				98 0					
830405	83057		DOEID	DNA	DNA	DNA		1767 020	EPICOR PF-38	1C	C	SOL	LQ	170 0	4000				
830415	83060		DOERL	35 00	2 20	0 30		86334 00	SDS LINER D-20028	1C	C	SOL	LQ	15 1	1000				
830416	83061		DOEID	DNA	DNA	DNA		1767 020	EPICOR PF-34	1C	C	SOL	LQ	170 0	4000				
830427	83065		DOEID	1 00	0 20	<0 05		917 5000	EPICOR PF-28	1C	C	SOL	LQ	170 0	4000				

PNO		15		RID 37										M 286 C			
TMI-2		UNC		DDS		- WASTE SHIPMENT		REPORT - RADIOACTIVE WASTE		RADIO		NUCLIDE					
* DATE	SHPMT	SYS/COMP	DISPOSAL	SITE	CNTCT	MR/HR	6 FT	CAB	NAME	CURIES	WASTE DESCRIPTION	CNTRS	TYP	WAST	DOT	VOLUME	WGT
* DATE	NUMBER	NO												FORM	S/CLS	CUB FT	LBS
830478	83036		DOERL		7 00	0 30	<0 10		29732 00	SDS LINER D-20027	1C	C	SOL	LQ		15 1	1100
830422	83067		RICHL		65 00	5 00	<0 50		0 20000	NON-COMPACTED TRASH	9B	C	SOL	LSA		882 0	19431
830403	83071		DOEID		10 00	0 30	<0 10		1410 900	EPICOR PF-23	1C	C	SOL	LQ		170 0	4000
830505	83073		RICHL		100 00	5 00	<0 30		1 30000	NON-COMPACTED TRASH	4B	C	SOL	LSA		497 5	11258
830517	83075		DOEID		46 00	0 20	<0 10		1767 020	EPICOR PF-37	1C	C	SOL	LQ		170 0	4000
830517	83078		RICHL	DNA	DNA	DNA			59767 98	SDS LINER D-10014	1C	C	SOL	LSA		15 1	1100
830518	83079		RICHL		38 00	3 50	<0 30		0 27000	COMPACTED TRASH	63D	C	SOL	LSA		422 5	18723
830601	83084		DOEID		14 00	0 20	<0 05		1436 040	EPICOR PF-30	1C	C	SOL	LQ		170 0	4000
830601	83085		DOEID		8 00	0 70	<0 05		1457 890	EPICOR PF-14	1C	C	SOL	LQ		170 0	4000
830610	83086		DOEID		30 00	0 40	<0 10		1767 020	EPICOR PF-41	1C	C	SOL	LQ		170 0	4000
830614	83089		DOEID		11 00	0 25	<0 10		1468 900	EPICOR PF-15	1C	C	SOL	LQ		170 0	4000
830615	83093		DOEID		20 00	0 20	<0 05		1417 080	EPICOR PF-13	1C	C	SOL	LQ		170 0	4000
830617	83095		DOEID		20 00	0 25	<0 05		1768 340	EPICOR PF-17	1C	C	SOL	LQ		170 0	4000
830623	83096		DOEID		13 00	0 30	<0 05		1526 380	EPICOR PF-12	1C	C	SOL	LQ		170 0	4000
830627	83098		DOEID		3 00	0 10	<0 10		684 2700	EPICOR PF-4	1C	C	SOL	LQ		170 0	4000
830628	83099		DOEID		25 00	3 00	<0 10		1953 600	EPICOR PF-21	1C	C	SOL	LQ		170 0	4000
830706	83103		RICHL		25 00	7 00	<0 50		0 37000	NON-COMPACTED TRASH	63D	C	SOL	LSA		392 0	9384
830706	83100		DOEID		23 00	0 30	<0 06		919 9400	EPICOR PF-22	1C	C	SOL	LQ		170 0	4000
830712	83105		DOEID		15 00	1 40	<0 10		1049 070	EPICOR PF-24	1C	C	SOL	LQ		170 0	4000
830712	83106		DOEID		20 00	1 00	<0 10		948 7000	EPICOR PF-31	1C	C	SOL	LQ		170 0	4000
830716	83101		DOERL		100 00	1 20	<0 15		46993 04	SDS LINER D-10011	1C	C	SOL	LQ		15 1	1100
830726	83111		DOEID		44 00	1 60	<0 20		0 10000	AIR COOLER ACCESS PNLS	1B	C	SOL	LQ		121 0	1100
830802	83112		DOERL		5 00	<0 20	<0 20		5075 510	SDS LINER D-20026	1C	C	SOL	LQ		15 1	1124
830805	83114		RICHL		40 00	5 00	<0 30		0 08000	NON-COMPACTED TRASH	4B	C	SOL	LSA		392 0	7890
830815	83120		DOERL		3 00	0 60	<0 08		3785 490	SDS LINER D-20022	1C	C	SOL	LQ		15 1	1100
830819	83123		RICHL		0 13	0 03	<0 03		2 25000	EPICOR F-39	1L	C	SOL	LSA		170 0	7500
830819	83124		RICHL		220 00	7 00	<0 14		1 13000	EPICOR F-34	1L	C	SOL	LSA		170 0	8000
*	83124								1 19000	EPICOR F-20	1L	C	SOL	LSA		170 0	8000
*	83124								1 35000	EPICOR F-25	1L	C	SOL	LSA		170 0	8000
*	83124								0 02000	NON COMP TRASH	3B	C	SOL	LSA		294 0	6420
830826	83129		RICHL		0 10	0 10	<0 10		1 71000	EPICOR F-31	1L	C	SOL	LSA		170 0	8000
830830	83127		DOERL		2 00	0 10	<0 06		6465 390	SDS LINER D-20029	1L	C	SOL	LSA		15 1	DNA
830830	83130		RICHL		0 10	0 05	<0 05		0 98000	EPICOR F-32	1L	C	SOL	LSA		170 0	8000
830901	83131		RICHL		80 00	8 00	<0 10		0 95000	NON-COMP TRASH	7B	C	SOL	LSA		686 0	15146
830907	83128		RICHL		0 50	0 05	<0 05		1 49000	EPICOR F-37	1L	C	SOL	LSA		170 0	8000
830907	83132		RICHL		50 00	4 00	<0 30		3 46000	NON-COMP TRASH	8B	C	SOL	LSA		60 0	1584
830912	83135		RICHL		0 10	0 10	<0 10		1 58000	EPICOR F-22	1L	C	SOL	LSA		170 0	8000
830913	83136		RICHL		75 00	0 10	<0 10		1 14000	EPICOR F-29	1L	C	SOL	LSA		170 0	8000
830920	83139		RICHL		150 00	0 08	<0 01		1 53000	EPICOR F-30	1L	C	SOL	LSA		170 0	8000
830922	83140		RICHL		35 00	3 00	<0 70		0 18000	COMP TRASH	58D	C	SOL	LSA		435 0	14700
*	83140								NEG	NON COMP TRASH	3B	C	SOL	LSA		294 0	6252
830930	83143		RICHL		0 10	0 10	<0 10		0 93000	EPICOR F-41	1L	C	SOL	LSA		170 0	8000
831009	83145		RICHL		1 00	0 05	<0 02		0 80000	EPICOR K-7	1L	C	SOL	LSA		170 0	4833
831014	83147		RICHL		95 00	7 00	<0 10		0 05000	NON COMP TRASH	4B	C	SOL	LSA		392 0	7781
831102	83153		RICHL		4 00	0 40	<0 10		0 03000	EPICOR K-10	1L	C	SOL	LSA		170 0	36095
*	83153								0 01000	EPICOR 2K-7	1L	C	SOL	LSA		170 0	
*	83153								0 06000	RESIN LINER S-4	1L	C	SOL	LSA		170 0	
831103	83156		DOEID		1 00	0 03	<0 01		4073 420	SDS LINER D-20031	1L	C	SOL	LSA		15 1	1066
831103	83152		RICHL		170 00	0 10	<0 10		0 43000	COMP TRASH	72D	C	SOL	LSA		540 0	36262
*	83152									NON COMP TRASH	8B	C	SOL	LSA		784 0	

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PNO	6	UNC	DDS	- WASTE	SHIPMENT	REPORT	- RADIOACTIVE	WASTE	RID 37									
TMI-2		SHPMT	SYS/COMP	DISPOSAL	<-----	MR/HR	----->	RADIO	NUCLIDE	M 286 C								
* DATE	NUMBER	NO	SITE	CNTCT	6 FT	CAB	NAME	CURIES	WASTE DESCRIPTION	CNTRS	TYP	WAST	DOT	VOLUME	WGT			
* *****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
831107	83154		RICHL	0 70	0 08	0 05		2 29000	EPICOR F-44	1L	C	SOL	LSA	170 0	6000			
831110	83155		RICHL	0 50	0 05	0 05		3 13000	EPICOR K-5	1L	C	SOL	LSA	170 0	6000			
831114	83159		RICHL	0 90	0 10	0 10		2 14000	EPICOR F-45	1L	C	SOL	LSA	170 0	6000			
831115	83158		RICHL	80 00	0 20	0 10		2 11000	EPICOR F-35	1L	C	SOL	LSA	170 0	6000			
831129	83164		RICHL	1 00	0 10	0 10		1 96000	EPICOR F-38	1L	C	SOL	LSA	170 0	6000			
831202	83163		RICHL	0 10	0 10	0 10		2 08000	EPICOR F-23	1L	C	SOL	LSA	170 0	6000			
831205	83166		RICHL	0 30	0 10	0 10		1 82000	EPICOR K-4	1L	C	SOL	LSA	170 0	6000			
831206	83168		RICHL	0 12	0 10	0 10		1 62000	EPICOR F-21	1L	C	SOL	LSA	170 0	6000			
831207	83167		RICHL	60 00	4 00	0 50		0 17000	EPICOR 2K-8	1L	C	SOL	LSA	170 0	6000			
*	83167								EPICOR K-11	1L	C	SOL	LSA	170 0	6000			
*	83167								EPICOR K-12	1L	C	SOL	LSA	170 0	6000			
*	83167								NEG NON COMP TRASH	3B	C	SOL	LSA	294 0	6040			
831208	83172		RICHL	30 00	5 00	0 10		1 06000	EPICOR F-42	1L	C	SOL	LSA	170 0	6000			
*	83172								EPICOR F-43	1L	C	SOL	LSA	170 0	6000			
*	83172								EPICOR 2K-9	1L	C	SOL	LSA	170 0	4500			
831209	83170		RICHL	0 50	0 20	0 20		1 58000	EPICOR F-36	1L	C	SOL	LSA	170 0	6000			
831209	83173		RICHL	80 00	3 50	0 20		1 73000	EPICOR F-46	1L	C	SOL	LSA	170 0	6000			
*	83173								EPICOR K-8	1L	C	SOL	LSA	170 0	6000			
*	83173								EPICOR 2K-2	1L	C	SOL	LSA	170 0	4500			
*	83173								EPICOR 2K-6	1L	C	SOL	LSA	170 0	4500			
831210	83175		RICHL	0 10	0 08	0 01		1 26000	EPICOR F-40	1L	C	SOL	LSA	170 0	6000			
831210	83176		RICHL	0 10	0 09	0 01		2 00000	EPICOR F-26	1L	C	SOL	LSA	170 0	6000			
831214	83177		RICHL	0 40	0 20	<0 10		1 21000	EPICOR F-28	1L	C	SOL	LSA	170 0	6000			
831214	83179		RICHL	0 30	0 05	<0 05		1 48000	EPICOR K-6	1L	C	SOL	LSA	170 0	6000			
831214	83180		RICHL	0 10	0 05	<0 05		1 69000	EPICOR F-24	1L	C	SOL	LSA	170 0	6000			
831214	83181		RICHL	0 40	<0 10	<0 10		1 56000	EPICOR F-27	1L	C	SOL	LSA	170 0	6000			
831216	83178		RICHL	130 00	8 50	0 30		0 81000	EPICOR K-9	1L	C	SOL	LSA	170 0	6000			
*	83178								NEG STEEL LINER L-10	1L	C	SOL	LSA	103 1	2300			
*	83178								NEG COMP TRASH	48D	C	SOL	LSA	360 0	14895			
831216	83182		RICHL	3 00	0 20	<0 10		1 40000	EPICOR F-47	1L	C	SOL	LSA	170 0	6000			
840120	84002		DOERL	2 50	<0 10	<0 10		3303 820	SDS LINER D-20037	1C	C	SOL	LSA	15 1	1065			
840403	84020		RICHL	12 00	2 00	0 10		0 26000	COMPACTED TRASH	103D	C	SOL	LSA	773 0	33045			
*	84020								EPICOR K-13	1L	C	SOL	LSA	170 0	6000			
840514	84033		RICHL	9 00	0 21	0 01		0 62000	COMPACTED TRASH	4D	C	SOL	LSA	30 0	1323			
840611	84040		RICHL	60 00	6 00	0 06		0 14000	NON-COMPACTED TRASH	20B	C	SOL	LSA	1960 0	42584			
840611	84041		RICHL	200 00	6 00	1 60		0 28000	NON-COMPACTED TRASH	10B	C	SOL	LSA	980 0	33386			
*	84041								RESIN LINERS	2L	C	SOL	LSA	340 0				
840619	84044		QUADREX	38 00	5 00	1 60		0 81000	MISC STEEL PARTS, CRDM	8D	C	SOL	LSA	60 0	37000			
*	84044								CABLES, WELDER, ETC	13B	C	SOL	LSA	2500 0				
840717	84051		RICHL	0 60	0 20	0 30		0 19000	COMPACTED TRASH	83D	C	SOL	LSA	622 5	29625			
840720	84050		RICHL	120 00	8 00	0 40		0 22000	NON-COMPACTED TRASH	5B	C	SOL	LSA	490 0	13532			
*	84050								RESIN LINERS	3L	C	SOL	LSA	510 0	25500			
840809	84058		QUADREX	25 00	8 00	1 00		0 22000	MISC PARTS	1B	C	SOL	LSA	1280 0	22000			
840828	84062		RICHL	5 00	1 00	0 20		0 08560	NON-COMPACTED TRASH	5B	C	SOL	LSA	490 0	9762			
*	84062								0 05980 RESIN LINER P-28	1L	C	SOL	LSA	170 0	19690			
840909	84067		DOERL	3 50	<0 01	<0 01		4418 713	SDS LINER D-20023	1C	C	SOL	LSA	14 1	1085			
840914	84069		RICHL	7 00	0 80	<0 10		0 29750	SOLIDIFIED WASTE	2L	C	SOL	LSA	340 0	33914			
840914	84070		RICHL	5 00	0 80	<0 10		0 29750	SOLIDIFIED WASTE	2L	C	SOL	LSA	340 0	33914			
840919	84071		RICHL	10 00	0 80	0 15		0 29750	SOLIDIFIED WASTE	2L	C	SOL	LSA	340 0	33914			
840921	84073		RICHL	5 00	0 60	0 07		0 08360	COMPACTED TRASH	75D	C	SOL	LSA	562 5	26663			

TMI-2		RID 37															
		M 286 C															
* DATE	SHPMT NUMBER	UNC SYS/COMP NO	DDS - WASTE DISPOSAL SITE	SHIPMENT CNTCT	REPORT 6 FT	RADIOACTIVE CAB	WASTE RADIO NAME	NUCLIDE CURIES	WASTE DESCRIPTION			CNTRS	TYP	WAST FORM	DOT S/CLS	VOLUME CUB FT	WGT LBS
* DATE	SHPMT NUMBER	UNC SYS/COMP NO	DDS - WASTE DISPOSAL SITE	SHIPMENT CNTCT	REPORT 6 FT	RADIOACTIVE CAB	WASTE RADIO NAME	NUCLIDE CURIES	WASTE DESCRIPTION			CNTRS	TYP	WAST FORM	DOT S/CLS	VOLUME CUB FT	WGT LBS
840927	84075		RICHL	0 10	<0 10	<0 10		2 10000	SOLIDIFIED WASTE			1L	C	SOL LSA		170 0	18681
841012	84084		RICHL	5 00	0 20	0 04		70 49900	SOLIDIFIED WASTE-RESIN			1L	C	SOL LSA		170 0	15132
841019	84083		RICHL	25 00	3 00	0 10		0 03700	POLISHING RESIN LINERS			3L	C	SOL LSA		510 0	18500
*	84083								NON-COMPACTED TRASH			8B	C	SOL LSA		794 0	16755
841022	84087		RICHL	1 00	<0 20	<0 20		17 64000	SOLIDIFIED WASTE-RESIN			1L	C	SOL LSA		170 0	16975
841105	84088		RICHL	100 00	5 00	0 20		0 44400	COMPACTED TRASH			54D	C	SOL LSA		405 0	20438
*	84088								DEWATERED RESIN			1L	C	SOL LSA		170 0	9500
841108	84093		DOERL	0 16	0 03	0 02		1 67000	RESIN LINER K-14			1L	C	SOL LSA		170 0	8500
841115	84095			20 00	1 50	0 10		0 10300	NON-COMPACTED TRASH			18B	C	SOL LSA		1764 0	42307
841212	84079		DOERL	2 00	0 04	0 01		2157 018	SDS LINER D-20021			1L	C	SOL LSA		14 1	1097
841213	84100		RICHL	1 20	<0 10	<0 10		0 80900	FL50 HIC 002JF			1C	C	SOL LSA		50 0	2175
841213	84101		RICHL	2 10	0 10	<0 10		3 50000	FL50 HIC 003JF			1C	C	SOL LSA		50 0	2400
841214	84102		RICHL	0 30	0 04	0 02		1 34000	FL50 HIC 004JF			1C	C	SOL LSA		50 0	2350
841218	84104		RICHL	0 30	<0 10	<0 10		1 17000	FL50 HIC 005JF			1C	C	SOL LSA		50 0	2650
841223	84105		RICHL	0 60	<0 20	<0 10		1 91000	FL50 HIC 006JF			1C	C	SOL LSA		50 0	3280
841224	84106		RICHL	0 30	<0 10	<0 10		1 76000	FL50 HIC 007JF			1C	C	SOL LSA		50 0	3700
850109	85002		RICHL	30 00	3 00	<0 10		0 14700	NON-COMPACTED TRASH			18B	C	SOL LSA		1764 0	43471
850122	85006		RICHL	15 00	0 60	<0 20		0 00100	COMPACTED TRASH			120D	C	SOL LSA		900 0	40804
850206	85010		RICHL	20 00	2 00	<0 10		0 43400	COMPACTED TRASH			83D	C	SOL LSA		622 5	27122
850219	85014		QUADREX	15 00	3 00	<0 10		0 91600	MISC STEEL			1B	C	SOL LSA		1280 0	16303
850313	85019		RICHL	80 00	8 00	0 40		1 50000	NON-COMPACTED TRASH			4B	C	SOL LSA		392 0	9310
*	85019								RESIN LINER (UNIT 1)			1L	C	SOL LSA		170 0	14836
850319	85021		RICHL	0 10	<0 10	<0 10		3 26000	K-15 LINER			1L	C	SOL LSA		170 0	7000
850325	85020		DOERL	<0 20	<0 20	<0 10		1528 815	SDS LINER D20033			1C	C	SOL LSA		14 0	1131
850325	85024		QUADREX	15 00	2 00	0 08		0 14830	SCRAP METAL			1B	C	SOL LSA		1280 0	21287
850329	85025		RICHL	20 00	2 00	0 10		0 18800	COMPACTED TRASH			112D	C	SOL LSA		840 0	40262
850404	85028		RICHL	15 00	1 10	0 10		0 10300	2K-10 RESIN LINER			1L	C	SOL LSA		50 0	32926
*	85028								NON-COMPACTED TRASH			11B	C	SOL LSA		1078 0	
850412	85031		QUADREX	DNA	DNA	DNA		0 11900	SCRAP METAL			1B	C	SOL LSA		1280 0	23500
850423	85035		QUADREX	50 00	8 00	0 30		0 78700	MISC STEEL & EQUIP			1B	C	SOL LSA		1280 0	29525
850424	85036		QUADREX	21 00	3 00	0 20		0 47500	MISC STEEL & EQUIP			1B	C	SOL LSA		1280 0	34068
850429	85030		DOERL	1 80	<0 10	<0 10		4415 204	SDS LINER U-00009			1L	C	SOL LSA		14 0	1153
850430	85034		RICHL	2 00	0 05	0 05		9 93900	EPICOR K-16			1L	C	SOL LSA		170 0	7000
850515	85040		QUADREX	12 00	2 00	<0 10		0 10450	SCRAP STEEL			1B	C	SOL		1280 0	32221
850528	85043		QUADREX	19 00	2 00	<0 20		0 09760	SCRAP STEEL/ACID MIX			1B	C	SOL		1280 0	29984
*	85043											9D	C	LIQ		67 5	
850530	85047		EG&G	70 00	3 00	0 60		0 38000	STEEL TANK			1T	C	SOL		2045 5	12050
850531	85045		EG&G	20 00	3 00	0 60		0 38000	STEEL TANK			1T	C	SOL		2045 5	12050
850531	85046		EG&G	DNA	DNA	DNA		0 38000	STEEL TANK			1T	C	SOL		2045 5	12050
850531	85048		EG&G	15 00	0 70	0 40		0 38000	STEEL TANK			1T	C	SOL		2045 5	12050
850613	85051		RICHL	190 00	8 50	0 10		2 03000	RESIN LINERS (SRT)			3L	C	SOL		510 0	30380
*	85051								NON-COMPACTED WASTE			3B	C	SOL		186 0	
850617	85053		RICHL	DNA	DNA	DNA		0 66100	COMPACTED WASTE			82D	C	SOL		615 0	DNA
850620	85055		RICHL	150 00	3 00	<0 20		0 27700	NON-COMPACTED WASTE			9B	C	SOL		882 0	21895
850626	85058		RICHL	60 00	4 00	0 15		0 18860	RESIN LINERS (SSV)			3L	C	SOL		510 0	39858
*	85058								NON-COMPACTED WASTE			8B	C	SOL		784 0	
850718	85063		RICHL	DNA	DNA	DNA		0 38700	COMPACTED WASTE			79D	C	SOL		592 5	DNA
850726	85065		RICHL	<0 10	<0 10	<0 10		0 00108	CONCRETE BLOCK			28B	C	SOL LSA		812 0	36241
850916	85082		RICHL	0 40	0 20	0 20		13 50000	LINER (HITTMAN)			1L	C	SOL		170 0	10598
851021	85089		RICHL	3 20	0 08	0 07		0 00092	COMPACTED WASTE			8D	C	SOL		60 0	2670

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RADIOACTIVE SOLID WASTE

GRAND-TOTAL -

DRUMS	CONTAINERS	=	6.054
	ACTIVITY, CURIES	=	106.03477*
	VOLUME, CU.FT.	=	45.971.10*
	WEIGHT, LBS.	=	1,454,142*
BOXES	CONTAINERS	=	680
	ACTIVITY, CURIES	=	37.60316*
	VOLUME, CU.FT.	=	72.203.90*
	WEIGHT, LBS.	=	1,373,918*
LINERS	CONTAINERS	=	145

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SEE INSTRUCTIONS ON THE REVERSE

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NUREG/CR-4315

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2. TITLE AND SUBTITLE

Evaluation of Nuclear Facility Decommissioning Projects
Summary Status Report
Three Mile Island Unit 2
Radioactive Waste and Laundry Shipments

3. LEAVE BLANK

4. DATE REPORT COMPLETED

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D. H. Doerge, D. R. Haffner

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Surplus Facilities Management
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Richland, WA 99352

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11a. TYPE OF REPORT

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b. PERIOD COVERED (Inclusive dates)

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12. SUPPLEMENTARY NOTES

13. ABSTRACT (200 words or less)

This document summarizes information concerning radioactive waste and laundry shipments from the Three Mile Island Nuclear Station Unit 2 to radioactive waste disposal sites and to protective clothing decontamination facilities (laundries) since the loss of coolant accident experienced on March 28, 1979. Data were collected from radioactive shipment records, summarized, and placed in a computerized information retrieval/manipulation system which permits extraction of specific information as required. Information contained in this report includes: waste disposal site locations, dose rates, curie content, waste description, container type and number, volumes and weights.

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containers waste
volume

b. IDENTIFIERS/OPEN-ENDED TERMS

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