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Evaluation of Nuclear Facility Decommissioning Projects

Summary Report
Three Mile Island Unit 2 Polar Crane Recovery

Prepared by D. H. Doerge, R. L. Miller

UNC Nuclear Industries

Prepared for
U.S. Nuclear Regulatory
Commission

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Evaluation of Nuclear Facility Decommissioning Projects

Summary Report Three Mile Island Unit 2 Polar Crane Recovery

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ABSTRACT

This document summarizes information concerning restoration of the Three Mile Island-Unit 2 Polar Crane to a fully operational condition following the loss of coolant accident experienced on March 28, 1979.

The data collected from activity reports, reactor containment entry records, and other sources were placed in a computerized information retrieval/manipulation system which permits extraction/manipulation of specific data which could be utilized in planning for recovery activities should a similar accident occur in a nuclear generating plant. The information is presented in both computer output form and a manually assembled summarization.

This report contains only the manpower requirements and radiation exposures actually incurred during recovery operations within the reactor containment and does not include support activities or costs.

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EVALUATION OF NUCLEAR FACILITY DECOMMISSIONING PROJECTS PROGRAM
THREE MILE ISLAND UNIT 2 - POLAR CRANE RECOVERY

1.0 INTRODUCTION

On March 28, 1979 the Three Mile Island Nuclear Station, Unit-2 (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. Release of the contaminated water resulted in gross contamination of the interior of the reactor building and the auxiliary and fuel handling buildings requiring extensive decontamination and waste handling operations to restore these buildings. Decontamination and equipment repair activities have required many labor manhours and many manrems of exposure to the workers.

Because of the vast quantity of data generated during decontamination, equipment recovery and waste handling activities, the Nuclear Regulatory Commission (NRC) requested that the data be assembled, analyzed and entered into a computer data base for historical purposes. The information also serves as a comprehensive base line for future planning, estimates and actions required should an incident of this type occur again.

The TMI-2 polar crane suffered severe damage as a result of the accident. Besides being grossly contaminated, the crane electrical components were damaged by hydrogen burns and exposure to the excessive moisture in the containment building atmosphere. Restoration of the crane is required to accomplish defueling and other cleanup activities.

This document presents, in summary form, information pertaining to the restoration of the TMI-2 polar crane to a fully operational status.

Data collected from activity reports, reactor containment entry records and other sources were placed in a computerized information retrieval/manipulation system which permits extraction/manipulation of specific information which could be used in planning for similar recovery activities should a nuclear facility be confronted with problems similar to those experienced at TMI-2.

This report contains information on radiation exposures, manpower (by craft), and time spent on repair of the damaged polar crane. It does not address support activities or costs. For purposes of planning, a labor rate could be assigned for the period during actual performance of the work to estimate costs.

A Polar Crane Recovery Task Group was established in July 1982 to direct recovery of the TMI-2 polar crane. Mechanical and electrical inspections were made during August 1982 (Entries 80, 81) and a concentrated planning and recovery effort was initiated at that time.

Prior to July 1982, considerable decontamination and characterization of the containment building had been accomplished. This report includes activities relating to the recovery of the polar crane starting with containment entry #10, May 14, 1981 "Initial Climb to Polar Crane with Safety Equipment" until full mobility and operations were restored (Entry 311) December 19, 1983. Since December 19, 1983 preventative maintenance activities have been performed but are not included as part of this report.

2.0 SUMMARY OF LABOR AND EXPOSURES

	<u>Persons Entering</u>	<u>Labor Manhours</u>	<u>Exposure Manrem</u>
Total Polar Crane Recovery Activity	<u>1037</u>	<u>2183.63</u>	<u>155.438</u>
AD - Administration	10	20.05	1.507
CR - Corporate	14	34.89	3.935
RP - Recovery Program	8	12.26	0.888
CN - Contractor (Catalytic)	618	1323.94	91.666
QA - Quality Assurance	13	27.13	1.774
OP - Site Operations	1	1.62	0.002
HP - Health Physics (Radiological Engineering)	178	286.95	24.523
CM - Plant Operations Maintenance General	3	4.86	0.118
EL - Electrical Maintenance	126	309.47	19.913
IC - Instrument & Control	7	15.28	1.167
MM - Mechanical Maintenance	56	140.51	9.352
UM - Utilities Maintenance	3	6.67	0.593

3.0 DESCRIPTION OF COMPUTER REPORTS

The computer reports included herein are (1) a general report based on containment building entries and (2) secondary reports based on department or cost centers.

The note on the general report applies to all subsequent reports.

Acronyms used in the description column of computer reports:

NDE -	Non-destructive Examination
Decon -	Decontamination
HP -	Health Physics
LS -	Lead Screw
CCTV -	Closed Circuit Television
P.C. -	Polar Crane

4.0 COMPUTER REPORTS

TMI-2
POLAR CRANE RECOVERY
GENERAL

DATE 29 JUN 84 15:04:31 RID 31 29 JUN 84 DOFRC

* .RWP .EXP TRK . ENTRY. PERS . DEPT .EXPOS .RWP .

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PNO. 3

DATE 29 JUN 84 15:04:31 RID 31 29 JUN 84 DOERGE

UNC: DDS - ACTIVITY REPORT - POLAR CRANE RECOVERY M 286 D

* DATE	* RWP	* EXP TRK	* ENTRY	* PERS	* DEPT	* EXPOS	* RWP	* DESCRIPTION
* DATE	* NUMBER	* NUMBER	* ACTIVITY	* NUMBER	* ENTERD	* CODE	* REM	* HOURS
820820	004536	D45J001	POLAR CRANE RECOVERY	84	1	HP	0.079	0.67
820820	004540	D45J001	POLAR CRANE RECOVERY	84	4	CN	1.062	7.25
820820	004548	C20H001	POLAR CRANE RECOVERY	84	2	HP	0.112	1.43
820823	004550	C90K001	POLAR CRANE RECOVERY	85	1	HP	0.126	1.43
820823	004550	C90K001	POLAR CRANE RECOVERY	85	4	CN	0.677	6.62
820823	004551	D45J002	POLAR CRANE RECOVERY	85	3	CN	0.331	3.75
820823	004552	D45J001	POLAR CRANE RECOVERY	85	2	CN	0.353	1.93
820825	004571	D45J003	POLAR CRANE RECOVERY	86	2	CN	0.315	3.92
820825	004571	D45J003	POLAR CRANE RECOVERY	86	1	CR	0.149	1.83
820825	004572	D45J002	POLAR CRANE RECOVERY	86	3	CN	0.425	4.85
820825	004587	C20H001	POLAR CRANE RECOVERY	86	1	HP	0.080	1.00
820827	004585	D45J003	POLAR CRANE RECOVERY	87	3	CN	0.359	5.50
820827	004586	D45J002	POLAR CRANE RECOVERY	87	4	CN	0.253	3.25
820827	004586	D45J002	POLAR CRANE RECOVERY	87	2	MM	0.484	6.67
820827	004591	D45J001	POLAR CRANE RECOVERY	87	1	HP	0.097	1.50
820827	004591	D45J001	POLAR CRANE RECOVERY	87	1	AD	0.102	1.50
820830	004600	D45J003	POLAR CRANE RECOVERY	88	4	EL	0.667	10.42
820830	004601	C20H001	POLAR CRANE RECOVERY	88	2	HP	0.043	1.67
820830	004602	D45J001	POLAR CRANE RECOVERY	88	2	MM	0.334	4.83
820830	004602	D45J001	POLAR CRANE RECOVERY	88	2	CN	0.287	4.50
820901	004620	D45J001	POLAR CRANE RECOVERY	89	4	CN	0.331	5.08
820903	004600	D45J003	POLAR CRANE RECOVERY	90	4	EL	0.763	8.25
820903	004617	D45J002	POLAR CRANE RECOVERY	90	1	CM	0.000	1.17
820903	004635	D45J001	POLAR CRANE RECOVERY	90	2	CN	0.005	1.58
820908	004617	D45J002	POLAR CRANE RECOVERY	91	1	CM	0.003	1.67
820908	004617	D45J002	POLAR CRANE RECOVERY	91	1	HP	0.000	0.67
820908	004656	D45J001	POLAR CRANE RECOVERY	91	4	CN	0.564	6.78
820910	004656	D45J001	POLAR CRANE RECOVERY	92	8	CN	1.083	14.40
820915	004708	D45J001	POLAR CRANE RECOVERY	93	2	HP	0.305	4.42
820915	004708	D45J001	POLAR CRANE RECOVERY	93	2	CN	0.291	4.33
820915	004710	D45J003	POLAR CRANE RECOVERY	93	3	CN	0.348	6.50
820915	004710	D45J003	POLAR CRANE RECOVERY	93	1	HP	0.146	2.42
820917	004718	D45J002	POLAR CRANE RECOVERY	94	2	CN	0.294	3.83
820917	004723	D45J002	POLAR CRANE RECOVERY	94	3	CN	0.386	6.00
820920	004710	D45J003	POLAR CRANE RECOVERY	95	3	CN	0.906	4.32
820920	004710	D45J003	POLAR CRANE RECOVERY	95	1	HE	0.365	1.92
820920	004732	D45J003	POLAR CRANE RECOVERY	95	4	CN	0.310	3.55
820920	004732	D45J003	POLAR CRANE RECOVERY	95	2	IC	0.340	4.33
820922	004732	D45J003	POLAR CRANE RECOVERY	96	2	IC	0.271	3.93
820929	004806	D45J001	POLAR CRANE RECOVERY	99	1	CN	0.109	1.50
820929	004806	D45J001	POLAR CRANE RECOVERY	99	1	RF	0.149	1.50
821001	004825	C20H001	POLAR CRANE RECOVERY	100	1	HP	0.237	1.08
821004	004838	C20H001	POLAR CRANE RECOVERY	101	1	HP	0.066	0.86
821006	004859	C20H001	POLAR CRANE RECOVERY	102	1	HP	0.075	0.97
821008	004867	C20H001	POLAR CRANE RECOVERY	103	1	HP	0.101	1.30
821008	004868	D45J003	POLAR CRANE RECOVERY	103	2	CN	0.323	4.37
821011	004881	C20H001	POLAR CRANE RECOVERY	104	1	HP	0.035	0.48
821011	004882	D45J002	POLAR CRANE RECOVERY	104	5	CN	0.643	10.87
831013	003897	D45J001	POLAR CRANE RECOVERY	105	1	IC	0.411	3.45

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. UNC: DDS - ACTIVITY REPORT - POLAR CRANE RECOVERY 1.28

* .RMP .EXP TRK . ENTRY, PFRS, DIFT, EXPOS, RMP
* DATE, NUMBER, NUMBER, ACTIVITY, NUMBER, ENTERD, CODE, REM, HOURS.

* DATE	NUMBER	NUMBER	ACTIVITY	NUMBER	ENTERD	CODE	REM	HOURS	DESCRIPTION
821013	004882	D45J002	POLAR CRANE RECOVERY	105	4	CN	0.432	10.67	OPERATE SPIDER ASSEMBLY HAND RAIL
821013	004898	D45J001	POLAR CRANE RECOVERY	105	2	CN	0.309	5.62	WALK DOWN POLAR CRANE TROLLEY
821014	004882	D45J002	POLAR CRANE RECOVERY	106	2	CN	0.243	4.18	OPERATE SPIDER ASSEMBLY HAND RAIL
821014	004905	C20H001	POLAR CRANE RECOVERY	106	1	HP	0.045	0.85	RADIATION SURVEYS/JOB COVERAGE
821018	004930	C20H001	POLAR CRANE RECOVERY	108	4	CN	1.15	9.22	INSTALL 1500 2000 LB LIFT RIG
821018	004932	C20H001	POLAR CRANE RECOVERY	108	4	CN	0.784	9.77	MODIFY LIFT RIG
821018	004934	C20H001	POLAR CRANE RECOVERY	108	1	HP	0.085	0.75	RADIATION SURVEYS/JOB COVERAGE
821020	004944	C20H001	POLAR CRANE RECOVERY	109	2	CI	0.339	3.37	MODIFY LIFT RIG
821021	004949	C20H001	POLAR CRANE RECOVERY	110	1	HP	0.094	2.08	RADIATION SURVEYS/JOB COVERAGE
821027	004992	D41C001	POLAR CRANE RECOVERY	113	2	HP	0.308	4.50	RADIOLOGICAL CHARACTERIZATION OF F.C.
821028	004997	C20H001	POLAR CRANE RECOVERY	114	1	HP	0.018	0.72	RADIATION SURVEYS/JOB COVERAGE
821029	004997	C20H001	POLAR CRANE RECOVERY	115	1	HP	0.028	0.85	RADIATION SURVEYS/JOB COVERAGE
821029	005000	D45J001	POLAR CRANE RECOVERY	115	2	CN	0.238	4.42	WIRE ROPE SAMPLE
821029	005001	D45J003	POLAR CRANE RECOVERY	115	2	CN	0.185	2.83	TEMPORARY LIGHTING-POLAR CRANE
821101	005010	C20H001	POLAR CRANE RECOVERY	116	1	HP	0.049	0.25	RADIATION SURVEYS/JOB COVERAGE
821101	005012	D45J003	POLAR CRANE RECOVERY	116	7	CN	0.716	10.47	TEMPORARY POWER HOOKUP
821101	005013	D45J002	POLAR CRANE RECOVERY	116	5	CN	0.604	12.63	COVER & GUARD REMOVAL
821101	005013	D45J002	POLAR CRANE RECOVERY	116	2	HP	0.251	5.72	DISCONNECT COUPLING
821103	005012	D45J003	POLAR CRANE RECOVERY	117	4	CN	0.595	6.42	TEMPORARY POWER HOOKUP
821103	005013	D45J002	POLAR CRANE RECOVERY	117	3	CN	0.423	7.20	COVER & GUARD REMOVAL
821103	005013	D45J002	POLAR CRANE RECOVERY	117	1	HP	0.183	2.28	DISCONNECT COUPLING
821103	005034	D45J002	POLAR CRANE RECOVERY	117	2	CN	0.308	5.00	LUBRICATE CRANE
821105	005047	D45J002	POLAR CRANE RECOVERY	118	4	CN	0.550	10.77	LUBRICATE CRANE
821105	005048	D45J002	POLAR CRANE RECOVERY	118	2	CN	0.216	3.67	DISENGAGE CLUTCHES
821105	005049	D45J003	POLAR CRANE RECOVERY	118	2	EL	0.350	4.93	BRIDGE CONTROL FUNCTIONAL TEST
821105	005049	D45J003	POLAR CRANE RECOVERY	118	1	CN	0.165	2.78	BRIDGE CONTROL FUNCTIONAL TEST
821108	005059	C20H001	POLAR CRANE RECOVERY	119	1	HP	0.125	1.05	RADIATION SURVEYS/JOB COVERAGE
821108	005060	D45J001	POLAR CRANE RECOVERY	119	2	CN	0.143	2.12	LOCATE LOAD RIGGING
821108	005061	D45J001	POLAR CRANE RECOVERY	119	2	CN	0.279	4.17	INSPECTION OF BRIDGE & TROLLEY
821108	005062	D45J003	POLAR CRANE RECOVERY	119	2	EL	0.223	3.43	TROLLEY FUNCTIONAL TEST
821110	005061	D45J001	POLAR CRANE RECOVERY	120	2	CN	0.373	5.60	INSPECTION OF BRIDGE & TROLLEY
821110	005063	D45J002	POLAR CRANE RECOVERY	120	4	CN	0.797	10.08	INSTALL SERVICE AIR TO POLAR CRANE
821110	005079	C20H001	POLAR CRANE RECOVERY	120	2	HP	0.204	3.05	RADIATION SURVEYS/JOB COVERAGE
821110	005080	D45J003	POLAR CRANE RECOVERY	120	2	EL	0.366	6.27	MAIN HOIST FUNCTIONAL TEST
821110	005080	D45J003	POLAR CRANE RECOVERY	120	1	CN	0.210	3.18	MAIN HOIST FUNCTIONAL TEST
821112	005063	D45J002	POLAR CRANE RECOVERY	121	3	CN	0.570	6.61	INSTALL SERVICE AIR TO POLAR CRANE
821112	005089	C20H001	POLAR CRANE RECOVERY	121	4	HP	1.17	12.75	RADIATION SURVEYS/JOB COVERAGE
821112	005094	D45J001	POLAR CRANE RECOVERY	121	4	CN	0.813	11.06	JIE INSTALLATION
821115	005104	D45J001	POLAR CRANE RECOVERY	122	2	CN	0.315	4.92	PENDANT/FESTOON INSTALLATION
821115	005105	D45J003	POLAR CRANE RECOVERY	122	2	EL	0.301	4.50	BRIDGE CONTROL FUNCTIONAL TEST
821115	005105	D45J003	POLAR CRANE RECOVERY	122	1	CN	0.117	1.08	BRIDGE CONTROL FUNCTIONAL TEST
821115	005106	D45J002	POLAR CRANE RECOVERY	122	5	CN	0.650	9.9	MAIN HOIST BRAKE REPLACEMENT
821115	005107	C20H001	POLAR CRANE RECOVERY	122	1	HP	0.176	2.25	RADIATION SURVEYS/JOB COVERAGE
821117	005108	D45J002	POLAR CRANE RECOVERY	122	6	CN	0.718	13.83	TEMPORARY SERVICE AIR TO POLAR CRANE
821117	005104	D45J001	POLAR CRANE RECOVERY	123	4	CN	0.481	8.27	PENDANT/FESTOON INSTALLATION
821117	005106	D45J002	POLAR CRANE RECOVERY	123	3	MM	0.489	6.28	MAIN HOIST BRAKE REPLACEMENT
821117	005106	D45J002	POLAR CRANE RECOVERY	123	1	CN	0.144	2.57	MAIN HOIST BRAKE REPLACEMENT
821117	005125	D45J002	POLAR CRANE RECOVERY	123	4	CN	0.441	6.25	LUBRICATE CRANE
821117	005126	D45J002	POLAR CRANE RECOVERY	123	4	CN	0.523	9.62	LUBRICATE CRANE

* .RWP .EXP TRK . ENTRY. PERS . DEPT .EXFOS .RWP .

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477</
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821118	005106	D45J002	POLAR CRANE RECOVERY	124	3 MM	0.489	9.78	MAIN HOIST BRAKE REPLACEMENT
821118	005126	D45J002	POLAR CRANE RECOVERY	124	4 CN	0.557	11.88	LUBRICATE CRANE
821118	005130	C20H001	POLAR CRANE RECOVERY	124	2 HF	0.270	4.73	RADIATION SURVEYS/JOB COVERAGE
821118	005133	D45J003	POLAR CRANE RECOVERY	124	2 EI	0.520	7.00	RESISTOR BANK TESTING
821119	005106	D45J002	POLAR CRANE RECOVERY	125	3 MM	0.418	8.45	MAIN HOIST BRAKE REPLACEMENT
821119	005126	D45J002	POLAR CRANE RECOVERY	125	4 CN	0.598	11.62	LUBRICATE CRANE
821119	005130	C20H001	POLAR CRANE RECOVERY	125	1 HF	0.175	1.40	RADIATION SURVEYS/JOB COVERAGE
821119	005133	D45J003	POLAR CRANE RECOVERY	125	2 EI	0.438	5.10	RESISTOR BANK TESTING
821122	005155	D45J002	POLAR CRANE RECOVERY	126	3 MM	0.350	8.01	MAIN HOIST BRAKE REPLACEMENT
821122	005155	D45J002	POLAR CRANE RECOVERY	126	1 CN	0.117	2.40	MAIN HOIST BRAKE REPLACEMENT
821122	005156	D45J003	POLAR CRANE RECOVERY	126	2 EL	0.172	2.38	RESISTOR BANK TESTING
821122	005157	D20A001	POLAR CRANE RECOVERY	126	1 HF	0.267	2.40	RADIATION SURVEYS AND JOB COVERAGE
821124	005155	D45J002	POLAR CRANE RECOVERY	127	5 CN	0.621	9.93	MAIN HOIST BRAKE REPLACEMENT
821124	005180	D45J002	POLAR CRANE RECOVERY	127	1 CN	0.127	2.42	INSPECTION OF POLAR CRANE
821124	005180	D45J002	POLAR CRANE RECOVERY	127	1 AD	0.142	2.78	INSPECTION OF POLAR CRANE
821124	005181	D45J002	POLAR CRANE RECOVERY	127	2 CN	0.103	2.67	INSPECTION OF POLAR CRANE
821124	005182	D45J003	POLAR CRANE RECOVERY	127	1 CN	0.134	2.40	MAIN HOIST BRAKE REPLACEMENT
821124	005182	D45J003	POLAR CRANE RECOVERY	127	2 EI	0.307	4.53	BRIDGE DRIVE TESTING
821124	005184	C20H001	POLAR CRANE RECOVERY	127	1 HF	0.150	0.83	RADIATION SURVEYS/JOB COVERAGE
821124	005186	C50H001	POLAR CRANE RECOVERY	127	1 HF	0.015	2.38	RADIATION SURVEYS/JOB COVERAGE
821129	005182	D45J003	POLAR CRANE RECOVERY	128	2 EL	0.306	5.28	BRIDGE DRIVE TESTING
821129	006194	C20H001	POLAR CRANE RECOVERY	128	1 HF	0.108	2.27	RADIATION SURVEYS/JOB COVERAGE
821201	005182	D45J003	POLAR CRANE RECOVERY	129	1 CN	0.198	2.52	STRUCTURAL INSPECTION
821201	005182	D45J003	POLAR CRANE RECOVERY	129	1 EL	0.200	2.48	BRIDGE DRIVE TESTING
821201	005197	D45J002	POLAR CRANE RECOVERY	129	7 CN	1.175	19.28	LUBRICATE CRANE
821201	005216	C20H001	POLAR CRANE RECOVERY	129	1 HF	0.105	1.15	RADIATION SURVEYS/JOB COVERAGE
821201	005218	D45J002	POLAR CRANE RECOVERY	129	1 QA	0.141	2.37	STRUCTURAL INSPECTION
821201	005218	D45J002	POLAR CRANE RECOVERY	129	1 CN	0.137	2.42	STRUCTURAL INSPECTION
821202	005197	D45J002	POLAR CRANE RECOVERY	130	4 CN	0.476	10.60	LUBRICATE CRANE
821202	005224	D45J003	POLAR CRANE RECOVERY	130	2 EL	0.305	4.88	SLOW SPEED MOTORS TESTING
821202	005226	D45J001	POLAR CRANE RECOVERY	130	3 CN	0.462	7.63	EXAMINE TROLLEY GEAR CASE
821203	005197	D45J002	POLAR CRANE RECOVERY	131	4 CN	0.477	8.82	LUBRICATE CRANE
821203	005224	D45J003	POLAR CRANE RECOVERY	131	1 CN	0.149	2.40	SLOW SPEED MOTORS TESTING
821203	005224	D45J003	POLAR CRANE RECOVERY	131	1 EL	0.142	2.23	SLOW SPEED MOTORS TESTING
821203	005233	D45J002	POLAR CRANE RECOVERY	131	2 MM	0.279	4.45	LUBRICATE WIRE ROPE
821203	005233	D45J002	POLAR CRANE RECOVERY	131	1 CN	0.129	2.13	LUBRICATE WIRE ROPE
821206	005224	D45J003	POLAR CRANE RECOVERY	132	2 EL	0.294	5.25	SLOW SPEED MOTORS TESTING
821206	005248	C20H001	POLAR CRANE RECOVERY	132	1 HF	0.060	0.82	RADIATION SURVEYS/JOB COVERAGE
821206	005250	D45J003	POLAR CRANE RECOVERY	132	4 CN	0.585	10.58	TROLLEY POWER PREPARATION
821208	005224	D45J003	POLAR CRANE RECOVERY	133	1 CN	0.114	2.35	SLOW SPEED MOTORS TESTING
821208	005224	D45J003	POLAR CRANE RECOVERY	133	1 EL	0.120	2.27	SLOW SPEED MOTORS TESTING
821208	005250	D45J003	POLAR CRANE RECOVERY	133	4 CN	0.438	9.90	TROLLEY POWER PREPARATION
821208	005270	D45J002	POLAR CRANE RECOVERY	133	4 CN	0.452	10.97	LUBRICATE BRIDGE&TROLLEY
821208	00							

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.UNC: D05 - ACTIVITY REPORT - POLAR CRANE RECOVERY M 286 H

* .RWP .EXP TRK .

* .DATE .NUMBER . NUMBER . ACTIVITY . ENTRY . PERS . DEPT . F>POS . RWP .

* .NUMBR. ENTERD. CODE . REM . HOURS .

DESCRIPTION

* .DATE .NUMBER . NUMBER .	ACTIVITY	. ENTRY . PERS . DEPT . F>POS . RWP .	.NUMBR. ENTERD. CODE . REM . HOURS .	DESCRIPTION
821210 005273 D45J001	POLAR CRANE RECOVERY	135 1 MM	0.110 2.20	CLEAN BRAKE WHEELS
821210 005285 D45J003	POLAR CRANE RECOVERY	135 1 CN	0.207 3.45	CRANE MOTOR TESTING
821210 005285 D45J003	POLAR CRANE RECOVERY	135 1 EL	0.203 3.48	CRANE MOTOR TESTING
821210 005286 D45J003	POLAR CRANE RECOVERY	135 3 CN	0.350 6.60	REMOVE COLLECTOR SHOES
821210 005295 C20H001	POLAR CRANE RECOVERY	135 2 HF	0.258 3.38	RADIATION SURVEYS/JOB COVERAGE
821213 005302 C20H001	POLAR CRANE RECOVERY	136 2 HF	0.160 3.03	RADIATION SURVEYS/JOB COVERAGE
821213 005307 D45J003	POLAR CRANE RECOVERY	136 2 EL	0.757 7.57	SLOW SPEED MOTORS TESTING
821214 005302 C20H001	POLAR CRANE RECOVERY	137 1 HF	0.083 1.02	RADIATION SURVEYS/JOB COVERAGE
821214 005307 D45J003	POLAR CRANE RECOVERY	137 1 CN	0.197 3.58	SLOW SPEED MOTORS TESTING
821214 005307 D45J003	POLAR CRANE RECOVERY	137 1 EL	0.230 3.50	SLOW SPEED MOTORS TESTING
821216 005302 C20H001	POLAR CRANE RECOVERY	138 1 HF	0.056 0.97	RADIATION SURVEYS/JOB COVERAGE
821216 005340 D45J003	POLAR CRANE RECOVERY	138 12 CN	1.955 23.85	TRO LEY POWER CONTROL BYPASS
821216 005340 D45J003	POLAR CRANE RECOVERY	138 1 HF	0.000 0.02	TRO LEY POWER CONTROL BYPASS
821217 005340 D45J003	POLAR CRANE RECOVERY	139 7 CN	0.703 16.70	TRO LEY POWER CONTROL BYPASS
821217 005351 C20H001	POLAR CRANE RECOVERY	139 2 HF	0.383 2.90	RADIATION SURVEYS/JOB COVERAGE
821217 005353 D45J003	POLAR CRANE RECOVERY	139 3 EL	0.610 8.45	REF ACE RESISTOR BANK
821220 005363 D45J002	POLAR CRANE RECOVERY	140 1 RA	0.119 2.27	STRUCTURAL INSPECTION
821220 005363 D45J002	POLAR CRANE RECOVERY	140 1 C	0.115 2.02	STRUCTURAL INSPECTION
821220 005363 D45J002	POLAR CRANE RECOVERY	140 1 CN	0.115 2.02	STRUCTURAL INSPECTION
821220 005364 D45J003	POLAR CRANE RECOVERY	140 1 CN	0.178 3.58	SLOW SPEED MOTORS TESTING
821220 005364 D45J003	POLAR CRANE RECOVERY	140 1 LL	0.189 3.43	SLOW SPEED MOTORS TESTING
821221 005364 D45J003	POLAR CRANE RECOVERY	141 3 C	0.792 7.47	SLOW SPEED MOTORS TESTING
821221 005364 D45J003	POLAR CRANE RECOVERY	141 1 EL	0.134 2.22	SLOW SPEED MOTORS TESTING
821221 005382 D45J003	POLAR CRANE RECOVERY	141 4 FI	0.800 10.00	SLOW SPEED MOTORS TESTING
821221 005440 C20H004	POLAR CRANE RECOVERY	141 2 CN	0.213 2.77	TOTAL LIFTING EQUIPMENT
821222 005364 D45J003	POLAR CRANE RECOVERY	142 2 CN	0.281 2.5	SLOW SPEED MOTORS TESTING
821222 005364 D45J003	POLAR CRANE RECOVERY	142 1 EL	0.134 2.88	SLOW SPEED MOTORS TESTING
821222 005386 C20H001	POLAR CRANE RECOVERY	142 1 HF	0.058 0.77	RADIATION SURVEYS JOB COVERAGE
821228 005419 D45J003	POLAR CRANE RECOVERY	144 1 CN	0.140 2.47	MAIN HOIST RUN TESTING
821228 005419 D45J003	POLAR CRANE RECOVERY	144 1 EL	0.121 2.58	MAIN HOIST RUN TESTING
821228 005442 C70H001	POLAR CRANE RECOVERY	144 1 HF	0.161 1.08	HF SURVEYS/JOB COVERAGE
821229 005428 D45J003	POLAR CRANE RECOVERY	145 2 EL	0.293 5.00	SLOW SPEED MOTORS TESTING
821229 005429 C70H001	POLAR CRANE RECOVERY	145 1 HF	0.039 0.57	HF SURVEYS/JOB COVERAGE
821230 005438 D45J001	POLAR CRANE RECOVERY	146 1 CN	0.089 1.23	RECONTAMINATION TEST
821230 005438 D45J001	POLAR CRANE RECOVERY	146 1 RF	0.079 1.27	RECONTAMINATION TEST
821230 005440 C20H003	POLAR CRANE RECOVERY	146 2 CN	0.264 2.93	UNICOM RADIO SYSTEM FOR POLAR CRANE
821230 005441 C70H001	POLAR CRANE RECOVERY	146 1 HF	0.129 1.82	HF SURVEYS/JOB COVERAGE
821230 005442 D45J003	POLAR CRANE RECOVERY	146 2 EL	0.224 4.08	MAIN HOIST SLOW SPEED MOTOR TESTING
830104 005455 D45J003	POLAR CRANE RECOVERY	147 1 CN	0.125 2.67	DRIVE TEST
830104 005455 D45J003	POLAR CRANE RECOVERY	147 1 EL	0.162 2.65	IFIVE TEST
830104 005456 D45J001	POLAR CRANE RECOVERY	147 1 CN	0.102 1.23	RETRIEVE RECONTAMINATION TEST RESULTS
830104 005461 C70H001	POLAR CRANE RECOVERY	147 1 HF	0.240 1.95	HF SURVEYS JOB COVERAGE
830105 005455 D45J003	POLAR CRANE RECOVERY	148 2 EL	0.251 4.72	DRIVE TEST
830105 005477 D45J001	POLAR CRANE RECOVERY	148 3 MH	0.459 7.37	RECONNECT COUPLINGS ON POLAR CRANE
830105 005479 C70H001	POLAR CRANE RECOVERY	148 1 HF	0.106 1.07	HF SURVEYS/JOB COVERAGE
830105 005481 D45J001	POLAR CRANE RECOVERY	148 4 CN	0.413 8.65	INSTALL SAFETY LINES ON POLAR CRANE
830106 005455 D45J003	POLAR CRANE RECOVERY	149 1 CN	0.127 2.90	DRIVE TEST
830106 005455 D45J003	POLAR CRANE RECOVERY	149 1 EL	0.133 2.83	DRIVE TEST
830106 005471 C70H001	POLAR CRANE RECOVERY	149 1 HF	0.212 1.00	HF SURVEYS/JOB COVERAGE

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. UNC: DDS - ACTIVITY REPORT - POLAR CRANE RECOVERY M 286 II

* .RWP .EXP TRK . ENTRY. PERS . DFPT .EXPOS .RWP .

* DATE .NUMBER. NUMBER . ACTIVITY .NUMBR. ENTERD. CODE . REM . HOURS. . DESCRIPTION

* DATE	.NUMBER.	NUMBER	ACTIVITY	.NUMBR.	ENTERD.	CODE	. REM	HOURS.	DESCRIPTION
830107	005455	D45J003	POLAR CRANE RECOVERY	150	2	EL	0.238	4.47	DRIVE TEST
830107	005490	D45J001	POLAR CRANE RECOVERY	150	2	MM	0.282	4.77	RECONNECT COUPLINGS ON POLAR CRANE
830107	005490	D45J001	POLAR CRANE RECOVERY	150	1	EL	0.131	2.42	RECONNECT COUPLINGS ON POLAR CRANE
830107	005490	D45J001	POLAR CRANE RECOVERY	150	1	CN	0.140	2.53	RECONNECT COUPLINGS ON POLAR CRANE
830107	005502	C70H001	POLAR CRANE RECOVERY	150	1	HP	0.161	1.83	HP SURVEYS/JOB COVERAGE
830111	005508	D45J001	POLAR CRANE RECOVERY	152	2	CN	0.231	7.07	SURVEY RUNWAY RAIL
830111	005513	D45J001	POLAR CRANE RECOVERY	152	2	CN	0.287	6.25	SURVEY RUNWAY RAIL
830111	005514	D45J001	POLAR CRANE RECOVERY	152	1	HP	0.170	3.60	SURVEY RUNWAY RAIL
830111	005533	C20H004	POLAR CRANE RECOVERY	152	6	CN	0.663	11.40	INSTALL TROLLEY SPIDER EQUIPMENT
830112	005508	D45J001	POLAR CRANE RECOVERY	153	2	CN	0.238	7.15	SURVEY RUNWAY RAIL
830112	005509	D45J003	POLAR CRANE RECOVERY	153	2	EL	0.294	4.72	DRIVE TEST
830112	005514	D45J001	POLAR CRANE RECOVERY	153	1	HP	0.152	3.67	SURVEY RUNWAY RAIL
830212	005542	D45J001	POLAR CRANE RECOVERY	153	2	MM	0.410	4.65	CLEAN CRANE WHEELS
830112	005551	D45J001	POLAR CRANE RECOVERY	153	2	CN	0.228	6.17	MECHANICAL INSPECTION OF RUNWAY
830112	005558	C70H001	POLAR CRANE RECOVERY	153	2	HP	0.079	0.98	HP SURVEYS JOB COVERAGE
830113	005556	D45J001	POLAR CRANE RECOVERY	154	1	HF	0.177	3.75	SURVEY RUNWAY RAIL
830113	005557	D45J001	POLAR CRANE RECOVERY	154	2	CN	0.286	7.75	SURVEY RUNWAY RAIL
830113	005558	D45J001	POLAR CRANE RECOVERY	154	2	CN	0.251	2.78	SURVEY RUNWAY RAIL
830114	005569	C20H004	POLAR CRANE RECOVERY	155	11	CN	1.455	24.12	INSTALL TROLLEY SPIDER EQUIPMENT
830114	005571	D45J001	POLAR CRANE RECOVERY	155	2	MM	0.432	5.30	RECONNECT COUPLINGS ON POLAR CRANE
830117	005577	D45J002	POLAR CRANE RECOVERY	156	6	CN	0.832	14.90	REMOVE WIRE ROPE LUBRICANT
830117	005578	C70H001	POLAR CRANE RECOVERY	156	1	HP	0.168	2.80	HP SURVEYS/JOB COVERAGE
830118	005598	C70H001	POLAR CRANE RECOVERY	157	1	HF	0.122	1.27	HP SURVEYS/JOB COVERAGE
830118	005599	D45J001	POLAR CRANE RECOVERY	157	2	MM	0.501	5.67	RECONNECT COUPLINGS ON POLAR CRANE
830118	005600	C20H004	POLAR CRANE RECOVERY	157	2	CN	0.362	5.3	INSTALL TROLLEY SPIDER EQUIPMENT
830118	005602	D45J003	POLAR CRANE RECOVERY	157	2	EL	0.415	5.57	DRIVE TEST
830119	005602	D45J003	POLAR CRANE RECOVERY	158	1	EL	0.187	4.32	DRIVE TEST
830119	005602	D45J003	POLAR CRANE RECOVERY	158	1	CN	0.220	4.43	DRIVE TEST
830119	005612	D45J001	POLAR CRANE RECOVERY	158	2	CN	0.447	7.73	NRC INSPECTION OF POLAR CRANE
830119	005613	D45J001	POLAR CRANE RECOVERY	158	2	MM	0.608	7.35	CLEAN CRANE WHEELS
830119	005613	D45J001	POLAR CRANE RECOVERY	158	1	CN	0.207	3.97	CLEAN CRANE WHEELS
830119	005614	C70H001	POLAR CRANE RECOVERY	158	2	HF	0.160	2.92	HP SURVEYS JOB COVERAGE
830119	005615	D45J002	POLAR CRANE RECOVERY	158	1	CN	0.127	2.22	REMOVE LOAD HOOK FROM POLAR CRANE
830119	005617	C20H004	POLAR CRANE RECOVERY	158	2	CN	0.328	5.08	INSTALL TROLLEY SPIDER EQUIPMENT
830121	005629	D45J002	POLAR CRANE RECOVERY	160	1	MM	0.204	2.37	DECONTAMINATE MAIN HOOK
830121	005629	D45J002	POLAR CRANE RECOVERY	160	1	IC	0.000	0.00	DECONTAMINATE MAIN HOOK
830121	005629	D45J002	POLAR CRANE RECOVERY	160	1	CN	0.207	2.37	DECONTAMINATE MAIN HOOK
830121	005630	C70H001	POLAR CRANE RECOVERY	160	1	HP	0.194	2.47	HP SURVEYS JOB COVERAGE
830124	005635	C70H001	POLAR CRANE RECOVERY	161	1	HF	0.155	1.47	HP SURVEYS/JOB COVERAGE
830124	005639	C20H004	POLAR CRANE RECOVERY	161	2	CN	0.479	7.40	INSTALL TROLLEY SPIDER EQUIPMENT
830124	005640	D45J001	POLAR CRANE RECOVERY	161	1	CN	0.000	9.50	INSTALL PENDANT/FESTOON
830124	005641	D45J002	POLAR CRANE RECOVERY	161	4	CN	0.538	6.47	CLEAN/NDE MAIN HOOK
830125	005640	D45J001	POLAR CRANE RECOVERY	162	1	CN	0.286	3.60	INSTALL PENDANT/FESTOON
830125	005655	D45J002	POLAR CRANE RECOVERY	162	5	CN	0.667	9.75	REMOVE MAIN HOOK FROM POLAR CRANE
830125	005656	C70H001	POLAR CRANE RECOVERY	162	2	HP	0.354	3.13	HP SURVEYS/JOB COVERAGE
830126	005641	D45J002	POLAR CRANE RECOVERY	163	2	CN	0.132	2.35	CLEAN/NDE MAIN HOOK
830126	005641	D45J002	POLAR CRANE RECOVERY	163	2	QA	0.202	4.22	CLEAN/NDE MAIN HOOK
830126	005655	D45J002	POLAR CRANE RECOVERY	163	5	CN	0.870	10.57	REMOVE MAIN HOOK FROM POLAR CRANE
830126	005660	D45J003	POLAR CRANE RECOVERY	163	2	EL	0.333	5.35	DRIVE TEST

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. UNC: DDS - ACTIVITY REPORT - POLAR CRANE RECOVERY M 286 D

* DATE	* RWP	* EXP TRK	* ACTIVITY	* ENTRY	* PERS	* DFPT	* EXPOS	* RWP	* DESCRIPTION
* NUMBER	* NUMBER	* NUMBER	* NUMBER	* ENTERD	* CODE	* RFM	* HOURS		
830126	005662	C70H001	POLAR CRANE RECOVERY	163	1	HP	0.048	0.73	HP SURVEYS/JOB COVERAGE
830127	005666	D45J001	POLAR CRANE RECOVERY	164	2	RP	0.089	2.00	INSPECTION OF DECON OPERATIONS
830127	005673	C70H001	POLAR CRANE RECOVERY	164	1	HP	0.114	1.43	HP SURVEYS/JOB COVERAGE
830128	005677	D45J001	POLAR CRANE RECOVERY	165	9	CN	1.694	24.15	LOAD TEST BLOCK & TROLLEY
830128	005679	C70H001	POLAR CRANE RECOVERY	165	1	HP	0.038	0.92	HP SURVEYS/JOB COVERAGE
830128	005680	D45J003	POLAR CRANE RECOVERY	165	2	EL	0.316	5.48	DRIVE TEST
830131	005691	D45J002	POLAR CRANE RECOVERY	166	1	CN	0.108	1.67	CLEAN MAIN HOOK
830131	005692	D45J003	POLAR CRANE RECOVERY	166	2	EL	0.289	5.50	DRIVE TEST
830131	005693	D45J002	POLAR CRANE RECOVERY	166	2	HP	0.344	3.10	LOWER LS-H8 TO CUTTING AREA
830131	005693	D45J002	POLAR CRANE RECOVERY	166	2	CN	0.364	4.28	LOWER LS-H8 TO CUTTING AREA
830131	005694	D45J003	POLAR CRANE RECOVERY	166	2	CN	0.194	3.75	REMOVE COLLECTOR SHOES
830201	005713	C70H001	POLAR CRANE RECOVERY	167	1	HF	0.148	1.12	HF SURVEYS/JOB COVERAGE
830201	005716	D45J001	POLAR CRANE RECOVERY	167	4	CN	0.668	11.37	EXAMINE MAIN HOIST
830201	005716	D45J001	POLAR CRANE RECOVERY	167	1	EL	0.218	2.87	EXAMINE MAIN HOIST
830201	005717	D45J002	POLAR CRANE RECOVERY	167	1	EL	0.000	0.35	CLEAN/NDE MAIN HOOK
830201	005717	D45J002	POLAR CRANE RECOVERY	167	2	QA	0.187	2.67	CLEAN/NDE MAIN HOOK
830202	005724	C20H004	POLAR CRANE RECOVERY	168	2	CN	0.303	5.37	INSTALL TROLLEY SPIDER EQUIPMENT
830203	005713	C70H001	POLAR CRANE RECOVERY	169	1	HF	0.132	1.62	HF SURVEYS/JOB COVERAGE
830203	005734	D45J001	POLAR CRANE RECOVERY	169	1	RF	0.071	1.18	DECK OPERATIONS INSPECTION
830204	005713	C70H001	POLAR CRANE RECOVERY	170	1	HF	0.077	0.64	HF SURVEYS/JOB COVERAGE
830204	005744	C20H004	POLAR CRANE RECOVERY	170	6	CN	0.891	15.05	INSTALL TROLLEY SPIDER EQUIPMENT
830204	005745	C20H004	POLAR CRANE RECOVERY	170	4	CN	0.469	11.37	REMOVE TROLLEY SPIDER EQUIPMENT
830204	005748	D45J003	POLAR CRANE RECOVERY	170	1	CN	0.000	0.38	DISASSEMBLE RESISTOR BANK
830204	005748	D45J003	POLAR CRANE RECOVERY	170	2	EL	0.013	5.02	DISASSEMBLE RESISTOR BANK
830207	005754	D45J002	POLAR CRANE RECOVERY	171	6	CN	0.254	9.3	INSPECT WIRE ROPE
830207	005757	C70H001	POLAR CRANE RECOVERY	171	1	HF	0.077	0.64	HF SURVEYS/JOB COVERAGE
830207	005764	C20H004	POLAR CRANE RECOVERY	171	4	CN	0.771	13.13	REMOVE TROLLEY SPIDER EQUIPMENT
830208	005757	C70H001	POLAR CRANE RECOVERY	172	1	HF	0.077	1.00	HF SURVEYS/JOB COVERAGE
830208	005775	D45J001	POLAR CRANE RECOVERY	172	2	QA	0.112	1.77	CLEAN/NDE MAIN HOOK
830208	005775	D45J001	POLAR CRANE RECOVERY	172	1	EL	0.177	1.47	CLEAN/NDE MAIN HOOK
830208	005776	C20H004	POLAR CRANE RECOVERY	172	1	CN	0.077	4.7	INSTALL POWER AND CONTROL FOR SPIDER
830209	005782	C20H002	POLAR CRANE RECOVERY	173	1	EL	0.077	7.5	INSTALL POSITION CABLE FOR CCTV CAMERA
830209	005782	C20H002	POLAR CRANE RECOVERY	173	1	HF	0.114	1.43	INSTALL POSITION CABLE FOR CCTV CAMERA
830209	005784	D45J002	POLAR CRANE RECOVERY	173	2	HF	0.177	5.5	REPLACE TROLLEY COUPLINGS
830210	005757	C70H001	POLAR CRANE RECOVERY	174	1	HF	0.077	0.64	HF SURVEYS/JOB COVERAGE
830210	005792	D45J001	POLAR CRANE RECOVERY	174	2	EL	0.277	4.23	EXAMINE MAIN HOIST
830210	005792	D45J001	POLAR CRANE RECOVERY	174	1	EL	0.077	2.1	EXAMINE MAIN HOIST
830211	005757	C70H001	POLAR CRANE RECOVERY	175	1	HF	0.077	0.64	HF SURVEYS/JOB COVERAGE
830211	005798	C20H002	POLAR CRANE RECOVERY	175	1	UM	0.239	3.32	INSTALL CTV EQUIPMENT ON POLAR CRANE
830211	005798	C20H002	POLAR CRANE RECOVERY	175	1	IC	0.140	3.52	INSTALL CTV EQUIPMENT ON POLAR CRANE
830211	005798	C20H002	POLAR CRANE RECOVERY	175	1	RF	0.163	3.58	INSTALL CTV EQUIPMENT ON POLAR CRANE
830211	005799	D45J002	POLAR CRANE RECOVERY	175	2	MM	0.569	5.77	REPLACE TROLLEY COUPLINGS
830214	005812	C70H001	POLAR CRANE RECOVERY	176	1	HF	0.087	0.78	HF SURVEYS/JOB COVERAGE
830214	005813	D45J002	POLAR CRANE RECOVERY	176	5	CN	1.385	15.73	INSTALL INSPECTION BASKET
830214	005835	C70H001	POLAR CRANE RECOVERY	178	1	HP	0.082	0.83	HF SURVEYS/JOB COVERAGE
830216	005844	D45J001	POLAR CRANE RECOVERY	178	2	MM	0.311	5.68	LIMITED/FULL OPERATIONS TEST
830216	005844	D45J001	POLAR CRANE RECOVERY	178	1	EL	0.150	2.98	LIMITED/FULL OPERATIONS TEST
830216	005844	D45J001	POLAR CRANE RECOVERY	178	2	QA	0.333	6.17	LIMITED/FULL OPERATIONS TEST
830216	005844	D45J001	POLAR CRANE RECOVERY	178	2	CN	0.366	6.70	LIMITED/FULL OPERATIONS TEST

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830216	006502	C20H001	POLAR	CRANE RECOVERY	178	1	CN	0.110	1.40		MEASURE WIRE ROPE & PHOTOGRAPH
830217	005843	D45J004	POLAR	CRANE RECOVERY	179	4	CN	0.694	9.13		INSTALL 5 TON HOIST
830217	005843	D45J004	POLAR	CRANE RECOVERY	179	1	MM	0.205	2.93		INSTALL 5 TON HOIST
830217	005856	C20H001	POLAR	CRANE RECOVERY	179	4	CN	0.502	9.53		PREPARE FOR LIMITED OPERATION TEST
830218	005835	C70H001	POLAR	CRANE RECOVERY	180	1	HP	0.075	1.07		HP SURVEYS/JOB COVERAGE
830218	005858	D45J004	POLAR	CRANE RECOVERY	180	11	CN	1.370	9.13		LOAD FRAME ASSEMBLY ON ELEV. 347'
830218	005858	D45J004	POLAR	CRANE RECOVERY	180	1	MM	0.091	1.62		LOAD FRAME ASSEMBLY ON ELEV. 347'
830218	005864	D45J001	POLAR	CRANE RECOVERY	180	1	CN	0.080	1.68		RECONTAMINATION TEST
830218	005871	D45J004	POLAR	CRANE RECOVERY	180	2	CN	0.327	3.88		INSTALL 5 TON HOIST
830223	005878	C70H001	POLAR	CRANE RECOVERY	182	1	HP	0.035	0.87		HP SURVEYS/JOB COVERAGE
830223	005900	D45J004	POLAR	CRANE RECOVERY	182	2	CN	0.101	1.43		REPAIR 5 TON HOIST
830223	005903	D45J004	POLAR	CRANE RECOVERY	182	4	CN	0.543	8.12		LOAD TEST FRAME ASSEMBLY ON ELEV. 347'
830224	005878	C70H001	POLAR	CRANE RECOVERY	183	1	HP	0.276	1.20		HP SURVEYS/JOB COVERAGE
830224	005915	D45J004	POLAR	CRANE RECOVERY	183	4	CN	1.049	10.35		LOAD TEST FRAME ASSEMBLY ON ELEV. 347'
830224	005915	D45J004	POLAR	CRANE RECOVERY	183	1	EL	0.178	2.35		LOAD TEST FRAME ASSEMBLY ON ELEV. 347'
830225	005926	C70H001	POLAR	CRANE RECOVERY	184	1	HP	0.120	1.18		HP SURVEYS/JOB COVERAGE
830225	005927	D45J003	POLAR	CRANE RECOVERY	184	1	CN	0.112	1.37		ADJUST LIMIT SWITCH
830225	005927	D45J003	POLAR	CRANE RECOVERY	184	1	EL	0.097	1.37		ADJUST LIMIT SWITCH
830225	005928	D45J004	POLAR	CRANE RECOVERY	184	8	CN	1.386	10.03		LOAD TEST FRAME ASSEMBLY ON ELEV. 347'
830225	005928	D45J004	POLAR	CRANE RECOVERY	184	1	MM	0.051	0.95		LOAD TEST FRAME ASSEMBLY ON ELEV. 347'
830302	005958	C20H004	POLAR	CRANE RECOVERY	185	1	EL	0.192	2.52		REPAIR SPIDER
830302	005958	C20H004	POLAR	CRANE RECOVERY	185	3	CN	0.644	8.27		REPAIR SPIDER
830302	005959	D45J001	POLAR	CRANE RECOVERY	185	1	CN	0.145	1.90		INSPECT DECONTAMINATION EQUIPMENT
830302	005959	D45J001	POLAR	CRANE RECOVERY	185	1	RF	0.139	1.90		INSPECT DECONTAMINATION EQUIPMENT
830302	005961	C70H001	POLAR	CRANE RECOVERY	185	1	HP	0.147	2.10		HP SURVEYS/JOB COVERAGE
830303	005966	C70H001	POLAR	CRANE RECOVERY	186	1	HP	0.130	1.42		HP SURVEYS/JOB COVERAGE
830303	005968	D45J003	POLAR	CRANE RECOVERY	186	2	EL	0.323	5.07		ADJUST LIMIT SWITCH
830303	005969	C20H002	POLAR	CRANE RECOVERY	186	3	CN	0.310	4.82		INSTALL 110V POWER TO CCTV SYSTEM
830303	005969	C20H002	POLAR	CRANE RECOVERY	186	1	EL	0.074	1.57		INSTALL 110V POWER TO CCTV SYSTEM
830307	005986	C70H001	POLAR	CRANE RECOVERY	187	3	HP	0.209	8.95		HP SURVEYS/JOB COVERAGE
830307	005987	D45J004	POLAR	CRANE RECOVERY	187	1	EL	0.135	2.73		LOAD TEST FRAME ASSEMBLY ON ELEV. 347'
830307	005987	D45J004	POLAR	CRANE RECOVERY	187	18	CN	3.738	44.60		LOAD TEST FRAME ASSEMBLY ON ELEV. 347'
830307	005987	D45J004	POLAR	CRANE RECOVERY	187	2	MM	0.376	4.68		LOAD TEST FRAME ASSEMBLY ON ELEV. 347'
830308	006008	D45J004	POLAR	CRANE RECOVERY	188	1	CN	0.114	1.55		INSPECT LOAD TEST FRAME
830308	006009	C70H001	POLAR	CRANE RECOVERY	188	1	HP	0.057	0.53		HP SURVEYS/JOB COVERAGE
830308	006010	D45J004	POLAR	CRANE RECOVERY	188	3	CN	0.453	5.63		LOAD TEST FRAME ASSEMBLY ON ELEV. 347'
830315	006058	D45J004	POLAR	CRANE RECOVERY	193	5	CN	0.960	11.02		LOAD FRAME ASSEMBLY PREPARATIONS
830315	006058	D45J004	POLAR	CRANE RECOVERY	193	1	EL	0.109	2.35		LOAD FRAME ASSEMBLY PREPARATIONS
830316	006058	D45J004	POLAR	CRANE RECOVERY	194	5	CN	0.445	6.72		LOAD FRAME ASSEMBLY PREPARATIONS
830316	006058	D45J004	POLAR	CRANE RECOVERY	194	1	EL	0.085	1.55		LOAD FRAME ASSEMBLY PREPARATIONS
830316	006067	C70H001	POLAR	CRANE RECOVERY	194	3	HP	0.195	3.17		HP SURVEYS/JOB COVERAGE
830317	006034	C70H001	POLAR	CRANE RECOVERY	195	1	HP	0.047	0.78		HP SURVEYS/JOB COVERAGE
830317	006072	D45J003	POLAR	CRANE RECOVERY	195	4	CN	0.504	9.37		REDRESS BYPASS CABLES AND COVERS
830317	006072	D45J003	POLAR	CRANE RECOVERY	195	1	EL	0.086	0.98		REDRESS BYPASS CABLES AND COVERS
830321	006090	D45J003	POLAR	CRANE RECOVERY	197	2	CN	0.253	3.88		REDRESS BYPASS CABLES AND COVERS
830322	006115	C70H001	POLAR	CRANE RECOVERY	198	1	HP	0.066	1.12		HP SURVEYS/JOB COVERAGE
830322	006116	D45J002	POLAR	CRANE RECOVERY	198	2	CN	0.377	5.07		REPLACE EQUIPMENT COVERS
830322	006117	D45J002	POLAR	CRANE RECOVERY	198	2	EL	0.412	5.85		LUBRICATE CRANE
830323	006116	D45J002	POLAR	CRANE RECOVERY	199	2	CN	0.380	6.37		REPLACE EQUIPMENT COVERS

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830323	006116	D45J002	POLAR CRANE RECOVERY	199	1 MM	0.178	3.03				REPLACE EQUIPMENT COVERS
830328	006139	C70H001	POLAR CRANE RECOVERY	201	2 HF	0.155	1.87				HP SURVEYS/JOB COVERAGE
830328	006141	D45J003	POLAR CRANE RECOVERY	201	1 CN	0.174	2.50				REPLACE RESISTOR BANK COVERS
830328	006141	D45J003	POLAR CRANE RECOVERY	201	2 EL	0.324	5.07				REPLACE RESISTOR BANK COVERS
830328	006142	D45J002	POLAR CRANE RECOVERY	201	2 CN	0.275	5.10				BOLT DOWN EQUIPMENT COVERS
830330	006164	D45J002	POLAR CRANE RECOVERY	203	1 CN	0.152	3.18				LUBRICATE ELECTRIC MOTORS
830330	006164	D45J002	POLAR CRANE RECOVERY	203	2 EL	0.348	6.42				LUBRICATE ELECTRIC MOTORS
830330	006164	D45J002	POLAR CRANE RECOVERY	203	1 MM	0.134	3.08				LUBRICATE ELECTRIC MOTORS
830330	006175	D45J001	POLAR CRANE RECOVERY	203	1 CN	0.059	0.83				INSPECT ELEVATION 305'
830330	006175	D45J001	POLAR CRANE RECOVERY	203	1 RP	0.198	0.83				INSPECT ELEVATION 305'
830330	006176	C70H001	POLAR CRANE RECOVERY	203	1 HP	0.185	1.80				HP SURVEYS/JOB COVERAGE
830407	006223	D20A001	POLAR CRANE RECOVERY	205	2 CN	0.210	3.50				TAKE ELEVATIONS ON TOP OF D RINGS
830407	006225	D45J001	POLAR CRANE RECOVERY	205	1 CN	0.114	1.00				DECON INSPECTION
830407	006226	C70H001	POLAR CRANE RECOVERY	205	1 HP	0.000	0.73				HP SURVEYS/JOB COVERAGE
830411	006240	C70H001	POLAR CRANE RECOVERY	206	1 HP	0.199	1.50				HP SURVEYS/JOB COVERAGE
830411	006242	D45J001	POLAR CRANE RECOVERY	206	1 CN	0.073	0.83				DECON INSPECTION
830429	006372	C70H001	POLAR CRANE RECOVERY	211	1 HP	0.310	1.02				HP SURVEYS/JOB COVERAGE
830429	006379	D45J001	POLAR CRANE RECOVERY	211	1 CN	0.147	1.47				DECON INSPECTION
830504	006421	C70H001	POLAR CRANE RECOVERY	214	2 HP	0.623	2.02				HP SURVEYS/JOB COVERAGE
830504	006424	D45J003	POLAR CRANE RECOVERY	214	2 EL	0.376	6.27				SET LIMIT SWITCHES
830505	006430	C70H001	POLAR CRANE RECOVERY	215	1 HP	0.230	1.32				HP SURVEYS/JOB COVERAGE
830505	006433	D45J003	POLAR CRANE RECOVERY	215	2 EL	0.325	4.22				APPLY MARKER TAPE-DOME REFERENCE
830513	006492	C70H001	POLAR CRANE RECOVERY	220	2 HP	0.286	3.72				HP SURVEYS/JOB COVERAGE
830513	006496	D45J001	POLAR CRANE RECOVERY	220	1 CN	0.159	2.35				DECON INSPECTION
830520	006545	C70H001	POLAR CRANE RECOVERY	225	1 HP	0.214	2.23				HP SURVEYS/JOB COVERAGE
830520	006552	D45J003	POLAR CRANE RECOVERY	225	2 EL	0.375	4.98				CHANGE THERMAL OVERLOADS
830523	006563	C70H001	POLAR CRANE RECOVERY	226	1 HP	0.080	1.25				HP SURVEYS/JOB COVERAGE
830523	006566	D45J003	POLAR CRANE RECOVERY	226	2 EL	0.346	5.73				REPLACE POWER CONTACTORS
830525	006583	C70H001	POLAR CRANE RECOVERY	228	1 HP	0.078	0.87				HP SURVEYS/JOB COVERAGE
830525	006590	D45J003	POLAR CRANE RECOVERY	228	2 EL	0.457	5.03				REPLACE POWER CONTACTORS
830527	006583	C70H001	POLAR CRANE RECOVERY	230	1 HP	0.133	0.95				HP SURVEYS/JOB COVERAGE
830527	006597	D45J003	POLAR CRANE RECOVERY	230	1 CN	0.133	2.02				TEST CONNECTOR
830527	006597	D45J003	POLAR CRANE RECOVERY	230	1 EL	0.143	1.97				TEST CONNECTOR
830614	006727	D22E013	POLAR CRANE RECOVERY	238	3 CN	0.129	3.30				REMOVE BULB ARDS FROM POLAR CRANE
830615	006724	C70H001	POLAR CRANE RECOVERY	239	1 HP	0.189	1.77				HP SURVEYS/JOB COVERAGE
830615	006733	D45J001	POLAR CRANE RECOVERY	239	1 UM	0.062	1.35				DECON INSPECTION
830615	006733	D45J001	POLAR CRANE RECOVERY	239	1 MM	0.064	1.33				DECON INSPECTION
830701	006822	C70H001	POLAR CRANE RECOVERY	248	1 HF	0.163	1.23				HP SURVEYS/JOB COVERAGE
830701	006851	C35N001	POLAR CRANE RECOVERY	248	3 CN	0.683	7.95				SHIELDING FOR POLAR CRANE OPERATOR
830701	006851	C35N001	POLAR CRANE RECOVERY	248	1 EL	0.152	2.87				SHIELDING FOR POLAR CRANE OPERATOR
830706	006858	C70H001	POLAR CRANE RECOVERY	250	3 HP	0.452	3.92				HP SURVEYS/JOB COVERAGE
830706	006886	C35N001	POLAR CRANE RECOVERY	250	3 CN	0.211	3.28				SHIELDING FOR POLAR CRANE OPERATOR
830812	007142	C70H001	POLAR CRANE RECOVERY	272	1 HP	0.080	1.40				HP SURVEYS/JOB COVERAGE
830812	007211	D45J003	POLAR CRANE RECOVERY	272	1 EL	0.040	0.95				WORK ON ELEVATION 347'
830812	007211	D45J003	POLAR CRANE RECOVERY	272	2 CN	0.191	3.32				WORK ON ELEVATION 347'
830815	007211	D45J003	POLAR CRANE RECOVERY	273	2 CN	0.129	1.92				WORK ON ELEVATION 347'
830815	007213	C70H001	POLAR CRANE RECOVERY	273	1 HF	0.055	0.80				HP SURVEYS/JOB COVERAGE
830822	007273	D45J003	POLAR CRANE RECOVERY	276	4 EL	0.512	7.18				INSTALL RELAYS/HEATERS
830822	007277	C70H001	POLAR CRANE RECOVERY	276	1 HF	0.126	1.20				HP SURVEYS/JOB COVERAGE

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* DATE .NUMBER .NUMBER . ACTIVITY .NUMBFR.ENTRTD. CODE . REM . HOURS.

DATE	NUMBER	NUMBER	ACTIVITY	NUMBFR.ENTRTD.	CODE	REM	HOURS	DESCRIPTION
830823	007277	C70H001	POLAR CRANE RECOVERY	277	1	HF	0 101	0.83
830823	007300	D45J003	FOLAR CRANE RECOVERY	277	2	EL	0 278	3 /8
830906	007390	C70H001	POLAR CRANE RECOVERY	282	1	HF	0 073	0.57
830906	007394	D45J001	POLAR CRANE RECOVERY	282	1	MM	0 107	2 53
830906	007394	D45J001	POLAR CRANE RECOVERY	282	1	CN	0.073	1.20
830906	007412	D45J001	POLAR CRANE RECOVERY	287	3	CN	0 211	5.28
830907	007390	C70H001	POLAR CRANE RECOVERY	283	1	HF	0.069	0 98
830907	007412	D45J001	FOLAR CRANE RECOVERY	283	4	CI	0.473	9 30
830908	007390	C70H001	POLAR CRANE RECOVERY	284	2	HF	0.083	1.23
830908	007412	D45J001	POLAR CRANE RECOVERY	284	7	CN	0 792	14.23
830908	007412	D45J001	POLAR CRANE RECOVERY	284	1	MM	0.000	0.63
830909	007390	C70H001	POLAR CRANE RECOVERY	285	1	HF	0.077	1 02
830909	007437	D45J001	POLAR CRANE RECOVERY	285	2	FL	0 271	4 1
830913	007446	C70H001	FOLAR CRANE RECOVERY	287	2	HF	0 259	2 82
830913	007471	D45J001	POLAR CRANE RECOVERY	287	4	CN	0 470	8 10
830913	007471	D45J001	POLAR CRANE RECOVERY	287	1	MM	0 076	1 13
830914	007446	C70H001	POLAR CRANE RECOVERY	288	1	HF	0.150	1 73
830914	007471	D45J001	FOLAR CRANE RECOVERY	288	4	CI	0 479	7 52
830914	007481	C70H001	POLAR CRANE RECOVERY	288	1	HF	0 104	2 2
830914	007481	D45J001	POLAR CRANE RECOVERY	288	1	FI	0 100	2.33
830914	007481	D45J001	POLAR CRANE RECOVERY	288	2	CN	0.228	4.90
830914	007481	D45J001	POLAR CRANE RECOVERY	288	1	AD	0.093	2.58
830914	007481	D45J001	POLAR CRANE RECOVERY	288	1	HF	0 104	2.75
830919	007501	D45J003	POLAR CRANE RECOVERY	289	1	EL	0.082	1 78
830919	007501	D45J003	POLAR CRANE RECOVERY	289	7	CN	0.882	12 30
830919	007502	D45J004	POLAR CRANE RECOVERY	289	2	EL	0 282	5.07
830919	007502	D45J004	POLAR CRANE RECOVERY	289	2	CN	0.203	5.18
830919	007502	D45J004	POLAR CRANE RECOVERY	289	1	AD	0.120	2.38
830919	007504	C70H001	POLAR CRANE RECOVERY	289	2	HF	0 187	2.80
830920	007502	D45J004	POLAR CRANE RECOVERY	290	2	CN	0 18	3.78
830920	007502	D45J004	POLAR CRANE RECOVERY	290	1	FL	170	2 7
830920	007504	C70H001	FOLAR CRANE RECOVERY	290	1	HF	0 076	1 25
830921	007504	C70H001	POLAR CRANE RECOVERY	291	2	HF	0 251	2 80
830921	007535	D45J003	POLAR CRANE RECOVERY	291	1	MI	0 061	1.70
830921	007535	D45J003	POLAR CRANE RECOVERY	291	2	CN	125	2 73
830922	007504	C70H001	FOLAR CRANE RECOVERY	292	1	HF	0 095	1 07
830922	007540	D45J001	POLAR CRANE RECOVERY	292	2	FL	541	10
830922	007540	D45J001	FOLAR CRANE RECOVERY	292	1	CI	0 1	1
830923	007504	C70H001	POLAR CRANE RECOVERY	293	1	HF	000	0 34
830923	007540	D45J001	POLAR CRANE RECOVERY	293	4	FL	0 42	8.1
830923	007540	D45J001	POLAR CRANE RECOVERY	293	1	CI	0 7	1
831012	007722	C70H001	FOLAR CRANE RECOVERY	295	2	FL	0 78	7 4
831012	007747	D45J003	FOLAR CRANE RECOVERY	295	2	FL	1	3
831219	008115	C70H001	FOLAR CRANE RECOVERY	311	1	FL	0 18	1
831219	008119	D45J003	FOLAR CRANE RECOVERY	311	1	FL	0 7	7
831219	008119	D45J003	FOLAR CRANE RECOVERY	311	1	FL	0 4	1

.GRAND-TOTAL -

105

1 5 34 2183 4

TMI-2
POLAR CRANE RECOVERY
AD - ADMINISTRATION

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PND, 1
.DATE 29 JUN 84 13:15:56 RID 31 29 JUN 84 DOERGE
.
.   UNC: DDS - ACTIVITY REPORT - POLAR CRANE RECOVERY M 286 D
*   .RWP .EXP TRA .   . ENTRY. PERS , DEPT .EXPOS .RWP .
* DATE .NUMBER. NUMBER ,   ACTIVITY   .NUMBER.ENTFRD. CODE , REM , HOURS. ,   DESCRIPTION
*=====
810514 001054 D45J001 POLAR CRANE RECOVERY 10 2 AD 0.290 3.42 INITIAL CLIMB TO POLAR CRANE
810528 001151 D45J001 POLAR CRANE RECOVERY 11 2 AD 0.340 3.57 INSTALL SAFETY EQUIPMENT ON POLAR CRANE
811117 002449 D45J001 POLAR CRANE RECOVERY 21 1 AD 0.211 1.40 OVERHAUL INSPECTION OF POLAR CRANE
820224 003129 D45J001 POLAR CRANE RECOVERY 38 1 AD 0.189 2.42 SAFETY EQUIPMENT INSPECTION
820827 004591 D45J001 POLAR CRANE RECOVERY 87 1 AD 0.102 1.50 POLAR CRANE INSPECTION
821124 005180 D45J002 POLAR CRANE RECOVERY 127 1 AD 0.142 2.78 INSPECTION OF POLAR CRANE
830914 007481 D45J001 POLAR CRANE RECOVERY 288 1 AD 0.093 2.58 INSPECTION OF RUNWAY RAILS
830919 007502 D45J004 POLAR CRANE RECOVERY 289 1 AD 0.120 2.38 INSPECTION OF RUNWAY RAILS
.
.GRAND-TOTAL -
. PERS ENTERD = 10
. EXPOS REM = 1.5070000
. RWP HOURS = 20.050000

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TMI-2
POLAR CRANE RECOVERY

CR - CORPORATE

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PND. 1
. DATE 29 JUN 84 13:15:56 RID 31 29 JUN 84 DOERGE
.
. UNC: DDS - ACTIVITY REPORT - POLAR CRANE RECOVERY M 286 D
* .RWP .EXP TRK . . ENTRY. PERS . DEPT .EXPOS .RWF .
* DATE .NUMBER. NUMBER . ACTIVITY .NUMBER. ENTERD. CODE . REM . HOURS. . DESCRIPTION .
=====
811117 002449 D45J001 POLAR CRANE RECOVERY 21 3 CR 1.133 8.03 OVERHAUL INSPECTION OF POLAR CRANE
811120 002476 C30G003 POLAR CRANE RECOVERY 22 4 CR 0.884 9.25 POLAR CRANE OVERHAUL INSPECTION
820226 003141 C30G003 POLAR CRANE RECOVERY 40 5 CR 1.580 13.20 PRE-DECON DATA ACQUISITION
820813 004479 D45J003 POLAR CRANE RECOVERY 81 1 CR 0.189 2.58 ELECTRICAL INSPECTION
820825 004571 D45J003 POLAR CRANE RECOVERY 86 1 CR 0.149 1.83 ELECTRICAL INSPECTION
.
. GRAND-TOTAL -
. PERS ENTERD = 14
. EXPOS REM = 3.9350000
. RWP HOURS = 34.890000

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TMI-2
POLAR CRANE RECOVERY
RP - RECOVERY PROGRAM

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PNO. 1
DATE 29 JUN 84 13:15:56 RID 31 29 JUN 84 DOERGE
. UNC: DDS - ACTIVITY REPORT - POLAR CRANE RECOVERY M 286 D
* .RWP .EXP TRK . ENTRY. PFRS . DEPT .EXPOS .RWP .
* DATE .NUMBER. NUMBER . ACTIVITY .NUMBER. ENTERD. CODE . REM . HOURS. . DESCRIPTION
*=====
820929 004806 D45J001 POLAR CRANE RECOVERY 99 1 RP 0.149 1.50 DECON OPERATIONS INSPECTION-POLAR CRANE
821230 005438 D45J001 POLAR CRANE RECOVERY 146 1 RP 0.079 1.27 RECONTAMINATION TEST
830127 005666 D45J001 POLAR CRANE RECOVERY 164 2 RP 0.089 2.00 INSPECTION OF DECON OPERATIONS
830203 005734 D45J001 POLAR CRANE RECOVERY 169 1 RP 0.071 1.18 DECON OPERATIONS INSPECTION
830211 005798 C20H002 POLAR CRANE RECOVERY 175 1 RP 0.163 3.58 INSTALL CCTV EQUIPMENT ON POLAR CRANE
830202 005959 D45J001 POLAR CRANE RECOVERY 185 1 RP 0.139 1.90 INSPECT DECONTAMINATION EQUIPMENT
830330 006175 D45J001 POLAR CRANE RECOVERY 203 1 RP 0.198 0.83 INSPECT ELEVATION 305'
.
.GRAND-TOTAL -
. PERS ENTERD = 8
. EXPOS REM = 0.8880000
. RWP HOURS = 12.260000

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TMI-2
POLAR CRANE RECOVERY

CN - CONTRACTOR (CATALYTIC)*

*Contractor personnel includes electricians, carpenters, millwrights, iron workers, pipefitters, boilermakers, laborers and radiation monitoring technicians.

FNO. 1
 .DATE 29 JUN 84 13:15:56 RID 31 29 JUN 94 DOFRGE
 . UNC: DDS - ACTIVITY REPORT - POLAR CRANE RECOVERY M 286 D
 * .RWF .EXT TRK . ENTRY, FFRS, DEFT, F, FOS, RWF
 * DATE, NUMBER, ACTIVITY, .NUMBER, FNTFRD, CODE, RFM, HOURS, DESCRIPTION
 *=====

810701	001394	D45J001	POLAR CRANE RECOVERY	13	2 CN	0.677	8.12	INSFECTION & SURVEY OF POLAR CRANE
811117	002449	D45J001	POLAR CRANE RECOVERY	21	1 CN	0.538	3.33	OVERHAUL INSFECTION OF POLAR CRANE
811120	002476	C30G003	POLAR CRANE RECOVERY	22	2 CN	0.393	4.42	POLAR CRANE OVERHAUL INSFECTION
820226	003141	C30G003	POLAR CRANE RECOVERY	40	1 CN	0.274	3.60	PRE-DECON DATA ACQUISITION
820304	003187	C30G017	POLAR CRANE RECOVERY	43	1 CN	0.203	3.00	LOW PRESSURE FLUSH & DATA ACQUISITION
820305	003187	C30G017	POLAR CRANE RECOVERY	44	1 CN	0.099	1.50	LOW PRESSURE FLUSH & DATA ACQUISITION
820308	003213	C30G017	POLAR CRANE RECOVERY	4	1 N	.075	2.17	LOW PRESSURE FLUSH & DATA ACQUISITION
820326	003388	D45J001	POLAR CRANE RECOVERY	55	2	0.376	4.00	INSFECTION/PHOTOGRAPHY/MEASUREMENTS
820326	003389	C30G017	POLAR CRANE RECOVERY	5	1	0.132	1.83	POST DECON DATA ACQUISITION
820331	003441	D45J001	POLAR CRANE RECOVERY	56	2 CN	0.391	6.25	INSFECTION/PHOTOGRAPHY/MEASUREMENTS
820510	003802	D45J003	POLAR CRANE RECOVERY	51	4 CN	0.783	10.10	INSFECTION PLAN
820510	003803	D45J001	POLAR CRANE RECOVERY	61	2 CN	0.191	7.73	DATA ACQUISITION SURVEY
820513	003846	D45J003	POLAR CRANE RECOVERY	4	1	.526	7.83	INSFECTION PLAN
820513	003847	C30G001	POLAR CRANE RECOVERY	62	1	1.1	1.42	H.F. SURVEYS/COVERAGE
820526	003948	C30G001	POLAR CRANE RECOVERY	3	1	0.351	1.93	H.F. SURVEYS/COVERAGE
820526	003955	D45J003	POLAR CRANE RECOVERY	63	2 CN	0.377	4.83	INSFECTION PROGRAM
820727	004382	C30G019	POLAR CRANE RECOVERY	76	2 CN	0.267	1.75	INSTALL ALUMINUM PICKS FOR SFIDER
820812	004476	D45J002	POLAR CRANE RECOVERY	80	3 CN	0.417	6.50	MECHANICAL INSFECTION
820813	004476	D45J001	POLAR CRANE RECOVERY	81	1 CN	.237	3.17	MECHANICAL INSFECTION
820813	004479	D45J003	POLAR CRANE RECOVERY	81	1 CN	0.273	2.33	ELECTRICAL INSFECTION
820816	004504	D45J001	POLAR CRANE RECOVERY	82	4 CN	0.517	10.8	FULL FLOOR PLUGS-347' ELEVATION
820816	004505	D45J001	POLAR CRANE RECOVERY	82	4 CN	0.765	7.33	MOVE BEAMS-347' ELEVATION
820818	004505	D45J001	POLAR CRANE RECOVERY	83	1 CN	2.619	19.42	MOVE BEAMS-347' ELEVATION
820820	004536	D45J001	POLAR CRANE RECOVERY	84	8 CN	1.893	10.75	MOVE BEAMS-347' ELEVATION
820820	004540	D45J001	POLAR CRANE RECOVERY	84	4 CN	1.062	7.25	INSTALL SFIDER LANDING PLATFORM
820823	004550	C90K001	POLAR CRANE RECOVERY	85	4 CN	0.677	6.62	INSTALL FOWER BUGGY/REMOVE PENDANT
820823	004551	D45J002	POLAR CRANE RECOVERY	85	3 CN	0.331	3.75	MECHANICAL INSFECTION
820823	004552	D45J001	POLAR CRANE RECOVERY	85	2 CN	0.353	1.93	INSTALL SFIDER LANDING PLATFORM
820825	004571	D45J003	POLAR CRANE RECOVERY	86	2 CN	0.315	3.92	ELECTRICAL INSFECTION
820825	004572	D45J002	POLAR CRANE RECOVERY	86	3 CN	0.425	4.85	MOVE TROLLEY
820827	004585	D45J003	POLAR CRANE RECOVERY	87	3 CN	0.359	5.50	ELECTRICAL INSFECTION
820827	004586	D45J002	POLAR CRANE RECOVERY	87	4 CN	0.253	3.25	MOVE TROLLEY
820830	004602	D45J001	POLAR CRANE RECOVERY	87	2 N	0.287	4.50	GEAR CASE OIL SAMPLES
820901	004620	D45J001	POLAR CRANE RECOVERY	89	4 CN	0.371	5.08	EQUIPMENT PROTECTION-POLAR CRANE
820903	004635	D45J001	POLAR CRANE RECOVERY	90	2 CN	0.005	1.58	SURVEY PENDANT CABLE
820908	004656	D45J001	POLAR CRANE RECOVERY	1	4 CN	0.564	6.78	EQUIPMENT PROTECTION-POLAR CRANE
820910	004656	D45J001	POLAR CRANE RECOVERY	2	3	1.783	14.40	EQUIPMENT PROTECTION-POLAR CRANE
820915	004708	D45J001	POLAR CRANE RECOVERY	3	2 CN	0.81	4.33	EQUIPMENT PROTECTION-POLAR CRANE
820915	004710	D45J003	POLAR CRANE RECOVERY	3	3 CN	0.343	6.50	CABLE SAMPLE WALKDOWN
820917	004718	D45J002	POLAR CRANE RECOVERY	54	2 CN	0.264	3.83	INSTALL SAFETY LINES
820917	004723	D45J002	POLAR CRANE RECOVERY	54	3 CN	0.386	6.00	MECHANICAL INSFECTION
820920	004710	D45J003	POLAR CRANE RECOVERY	5	1 CN	0.906	4.32	CABLE SAMPLE WALKDOWN
820920	004732	D45J003	POLAR CRANE RECOVERY	6	3	1.316	3.53	INSTALL CAMERA
820929	004806	D45J001	POLAR CRANE RECOVERY	7	1	1.5	1.50	DETUR OPERATIONS INSFECTION-POLAR CRANE
821008	004868	D45J003	POLAR CRANE RECOVERY	10	1 CN	0.73	4.37	TEMPORARY FOWER WALKDOWN
821011	004882	D45J002	POLAR CRANE RECOVERY	104	5 CN	843	10.87	OFFRATE SFIDER/ASSEMBLE HAND RAIL
821013	004882	D45J002	POLAR CRANE RECOVERY	1	4 CN	0.432	10.67	OPERATE SFIDER/ASSEMBLE HAND RAIL
821013	004898	D45J001	POLAR CRANE RECOVERY	105	1	5	5.62	WALKDOWN POLAR CRANE TROLLEY
821014	004882	D45J002	POLAR CRANE RECOVERY	1	1	1.13	4.13	INSTALL SFIDER ASSEMBLE HAND RAIL

PN0. 2

.DATE 29 JUN 84 13:15:56 RID 31 29 JUN 84 IJERCE

* UNC: DDS - ACTIVITY REPORT - POLAR CRANE RECOVERY

M 286 D

* .RWF .EXP TRK .

* DATE .NUMBER .NUMBER . ACTIVITY .ENTRY. FERS . DFPT .EXPOS .RWF .

* .NUMBER. ENTERD. CODE . REM . HOURS. .

DESCRIPTION

* DATE	.NUMBER	.NUMBER	ACTIVITY	.ENTRY.	FERS	. DFPT	.EXPOS	.RWF	DESCRIPTION
821018	004930	C20H001	POLAR CRANE RECOVERY	108	4	CN	1.375	9.28	INSTALL 1500/2000 LB LIFT RIG
821018	004932	C20H001	POLAR CRANE RECOVERY	108	4	CN	0.784	5.27	MODIFY LIFT RIG
821020	004944	C20H001	POLAR CRANE RECOVERY	109	2	CN	0.339	3.37	MODIFY LIFT RIG
821029	005000	D45J001	POLAR CRANE RECOVERY	115	2	CN	0.238	4.42	WIRE ROPE SAMPLE
821029	005001	D45J003	POLAR CRANE RECOVERY	115	2	CN	0.185	2.83	TEMPORARY LIGHTING-POLAR CRANE
821101	005012	D45J003	POLAR CRANE RECOVERY	116	7	CN	0.716	10.47	TEMPORARY POWER HOOKUP
821101	005013	D45J002	POLAR CRANE RECOVERY	116	5	CN	0.604	12.63	COVER & GUARD REMOVAL
821103	005012	D45J003	POLAR CRANE RECOVERY	117	4	CN	0.595	6.42	TEMPORARY POWER HOOKUP
821103	005013	D45J002	POLAR CRANE RECOVERY	117	3	CN	0.423	7.20	COVER & GUARD REMOVAL
821103	005034	D45J002	POLAR CRANE RECOVERY	117	2	CN	0.308	5.00	LUBRICATE CRANE
821105	005047	D45J002	POLAR CRANE RECOVERY	118	4	CN	0.550	10.77	LUBRICATE CRANE
821105	005048	D45J002	POLAR CRANE RECOVERY	118	2	CN	0.215	3.67	DISENGAGE CLUTCHES
821105	005049	D45J003	POLAR CRANE RECOVERY	118	1	CN	0.165	2.78	BRIDGE CONTROL FUNCTIONAL TEST
821108	005060	D45J001	POLAR CRANE RECOVERY	119	2	CN	0.143	2.12	LOCATE LOAD RIGGING
821108	005061	D45J001	POLAR CRANE RECOVERY	119	1	CN	0.279	4.17	INSPECTION OF BRIDGE & TROLLEY
821110	005061	D45J001	POLAR CRANE RECOVERY	120	2	CN	0.373	5.60	INSPECTION OF BRIDGE & TROLLEY
821110	005063	D45J002	POLAR CRANE RECOVERY	120	4	CN	0.797	10.08	INSTALL SERVICE AIR TO POLAR CRANE
821110	005080	D45J003	POLAR CRANE RECOVERY	120	1	CN	0.210	3.18	MAIN HOIST FUNCTIONAL TEST
821112	005063	D45J002	POLAR CRANE RECOVERY	121	3	CN	0.530	6.82	INSTALL SERVICE AIR TO POLAR CRANE
821112	005094	D45J001	POLAR CRANE RECOVERY	121	4	CN	0.813	11.08	JIB INSTALLATION
821115	005104	D45J001	POLAR CRANE RECOVERY	122	2	CN	0.315	4.92	PENDANT/FESTOON INSTALLATION
821115	005105	D45J003	POLAR CRANE RECOVERY	122	1	CN	0.133	2.08	BRIDGE CONTROL FUNCTIONAL TEST
821115	005106	D45J002	POLAR CRANE RECOVERY	122	5	CN	0.650	9.93	MAIN HOIST BRAKE REPLACEMENT
821115	005108	D45J002	POLAR CRANE RECOVERY	122	6	CN	0.718	13.83	TEMPORARY SERVICE AIR TO POLAR CRANE
821117	005104	D45J001	POLAR CRANE RECOVERY	123	4	CN	0.481	8.27	PENDANT/FESTOON INSTALLATION
821117	005106	D45J002	POLAR CRANE RECOVERY	123	1	CN	0.144	2.57	MAIN HOIST BRAKE REPLACEMENT
821117	005125	D45J002	POLAR CRANE RECOVERY	123	4	CN	0.441	6.25	LUBRICATE CRANE
821117	005126	D45J002	POLAR CRANE RECOVERY	123	4	CN	0.523	9.62	LUBRICATE CRANE
821118	005126	D45J002	POLAR CRANE RECOVERY	124	4	CN	0.557	11.88	LUBRICATE CRANE
821119	005126	D45J002	POLAR CRANE RECOVERY	125	4	CN	0.598	11.62	LUBRICATE CRANE
821122	005155	D45J002	POLAR CRANE RECOVERY	126	1	CN	0.117	2.40	MAIN HOIST BRAKE REPLACEMENT
821124	005155	D45J002	POLAR CRANE RECOVERY	127	5	CN	0.621	9.93	MAIN HOIST BRAKE REPLACEMENT
821124	005180	D45J002	POLAR CRANE RECOVERY	127	1	CN	0.127	2.42	INSPECTION OF POLAR CRANE
821124	005181	D45J002	POLAR CRANE RECOVERY	127	2	CN	0.103	2.67	INSPECTION OF POLAR CRANE
821124	005182	D45J003	POLAR CRANE RECOVERY	127	1	CN	0.134	2.40	MAIN HOIST BRAKE REPLACEMENT
821201	005182	D45J003	POLAR CRANE RECOVERY	129	1	CN	0.198	2.52	STRUCTURAL INSPECTION
821201	005197	D45J002	POLAR CRANE RECOVERY	129	7	CN	1.155	19.28	LUBRICATE CRANE
821201	005218	D45J002	POLAR CRANE RECOVERY	129	1	CN	0.137	2.42	STRUCTURAL INSPECTION
821202	005197	D45J002	POLAR CRANE RECOVERY	130	4	CN	0.476	10.60	LUBRICATE CRANE
821202	005226	D45J001	POLAR CRANE RECOVERY	130	3	CN	0.462	7.63	EXAMINE TROLLEY GEAR CASE
821203	005197	D45J002	POLAR CRANE RECOVERY	131	4	CN	0.427	8.82	LUBRICATE CRANE
821203	005224	D45J003	POLAR CRANE RECOVERY	131	1	CN	0.149	2.40	SLOW SPEED MOTORS TESTING
821203	005233	D45J002	POLAR CRANE RECOVERY	131	1	CN	0.119	2.13	LUBRICATE WIRE ROPE
821206	005250	D45J003	POLAR CRANE RECOVERY	132	4	CN	0.585	10.58	TROLLEY POWER PREPARATION
821208	005224	D45J003	POLAR CRANE RECOVERY	133	1	CN	0.114	2.35	SLOW SPEED MOTORS TESTING
821208	005250	D45J003	POLAR CRANE RECOVERY	133	4	CN	0.436	9.90	TROLLEY POWER PREPARATION
821208	005270	D45J002	POLAR CRANE RECOVERY	133	4	CN	0.452	10.77	LUBRICATE BRIDGE&TROLLEY
821209	005270	D45J002	POLAR CRANE RECOVERY	134	4	CN	0.452	9.57	LUBRICATE BRIDGE&TROLLEY
821209	005286	D45J003	POLAR CRANE RECOVERY	134	4	CN	0.511	10.12	REMOVE COLLECTOR SHOES

P10.

DATE 20 JUN 84 13:15:51 RFD 31 19 JUN 84 DOERGE

UNC: DBS - ACTIVITY REPORT - POLAR CRANE RECOVERY M 266 D

* DATE	RWF	EXF TRN	ACTIVITY	ENTRY	FFRS	DEPT	EXPOS	RWF	DESCRIPTION
* DATE	NUMBER	NUMBER	NUMBER	ENTERED	CODE	REN	HOURS		
821209	005287	C20H001	POLAR CRANE RECOVERY	134	1	CN	0.185	1.77	RADIATION SURVEYS/JOB COVERAGE
821210	005285	D45J003	POLAR CRANE RECOVERY	135	1	CN	0.207	3.45	CRANE MOTOR TESTING
821210	005286	D45J003	POLAR CRANE RECOVERY	135	3	CN	0.350	6.60	REMOVE COLLECTOR SHOES
821214	005307	D45J003	POLAR CRANE RECOVERY	137	1	CN	0.197	3.58	SLOW SPEED MOTORS TESTING
821216	005340	D45J003	POLAR CRANE RECOVERY	138	12	CN	1.955	23.85	TROLLEY POWER CONTROL BYPASS
821217	005340	D45J003	POLAR CRANE RECOVERY	139	7	CN	0.703	18.70	TROLLEY POWER CONTROL BYPASS
821220	005363	D45J007	POLAR CRANE RECOVERY	140	1	CN	0.115	2.12	STRUCTURAL INSPECTION
821220	005364	D45J003	POLAR CRANE RECOVERY	140	1	CN	0.178	3.58	SLOW SPEED MOTORS TESTING
821221	005364	D45J003	POLAR CRANE RECOVERY	141	3	CN	0.392	7.43	SLOW SPEED MOTORS TESTING
821221	005440	C20H004	POLAR CRANE RECOVERY	141	2	CN	0.224	2.77	INSTALL TROLLEY SPIDER EQUIPMENT
821222	005364	D45J003	POLAR CRANE RECOVERY	142	2	CN	0.281	5.93	SLOW SPEED MOTORS TESTING
821228	005419	D45J003	POLAR CRANE RECOVERY	144	1	CN	0.140	2.47	MAIN HOIST RUN TESTING
821230	005438	D45J001	POLAR CRANE RECOVERY	146	1	CN	0.089	1.23	RECONTAMINATION TEST
821230	005440	C20H003	POLAR CRANE RECOVERY	146	2	CN	0.264	2.93	UNICOM RADIO SYSTEM FOR POLAR CRANE
830104	005455	D45J003	POLAR CRANE RECOVERY	147	1	CN	0.125	2.67	DRIVE TEST
830104	005456	D45J001	POLAR CRANE RECOVERY	147	1	CN	0.102	1.23	RETRIEVE RECONTAMINATION TEST RESULTS
830105	005481	D45J001	POLAR CRANE RECOVERY	148	4	CN	0.413	8.65	INSTALL SAFETY LINES ON POLAR CRANE
830106	005455	D45J003	POLAR CRANE RECOVERY	149	1	CN	0.127	2.90	DRIVE TEST
830107	005490	D45J001	POLAR CRANE RECOVERY	150	1	CN	0.140	2.53	RECONNECT COUPLINGS ON POLAR CRANE
830111	005508	D45J001	POLAR CRANE RECOVERY	152	2	CN	0.231	7.07	SURVEY RUNWAY RAIL
830111	005513	D45J001	POLAR CRANE RECOVERY	152	2	CN	0.287	6.25	SURVEY RUNWAY RAIL
830111	005533	C20H004	POLAR CRANE RECOVERY	152	6	CN	0.663	11.40	INSTALL TROLLEY SPIDER EQUIPMENT
830112	005508	D45J001	POLAR CRANE RECOVERY	153	2	CN	0.238	7.15	SURVEY RUNWAY RAIL
830112	005551	D45J001	POLAR CRANE RECOVERY	153	2	CN	0.228	6.17	MECHANICAL INSPECTION OF RUNWAY
830113	005557	D45J001	POLAR CRANE RECOVERY	154	2	CN	0.286	7.75	SURVEY RUNWAY RAIL
830113	005558	D45J001	POLAR CRANE RECOVERY	154	2	CN	0.251	2.78	SURVEY RUNWAY RAIL
830114	005569	C20H004	POLAR CRANE RECOVERY	155	11	CN	1.459	24.12	INSTALL TROLLEY SPIDER EQUIPMENT
830117	005577	D45J002	POLAR CRANE RECOVERY	156	6	CN	0.852	14.90	REMOVE WIRE ROPE LUBRICANT
830118	005600	C20H004	POLAR CRANE RECOVERY	157	2	CN	0.303	5.80	INSTALL TROLLEY SPIDER EQUIPMENT
830119	005602	D45J003	POLAR CRANE RECOVERY	158	1	CN	0.220	4.43	DRIVE TEST
830119	005612	D45J001	POLAR CRANE RECOVERY	158	2	CN	0.447	7.73	NRC INSPECTION OF POLAR CRANE
830119	005613	D45J001	POLAR CRANE RECOVERY	158	1	CN	0.207	3.97	CLEAN BRAKE WHEELS
830119	005615	D45J002	POLAR CRANE RECOVERY	158	1	CN	0.127	2.22	REMOVE LOAD HOOK FROM POLAR CRANE
830119	005617	C20H004	POLAR CRANE RECOVERY	158	2	CN	0.328	5.08	INSTALL TROLLEY SPIDER EQUIPMENT
830121	005629	D45J002	POLAR CRANE RECOVERY	160	1	CN	0.207	2.37	DECONTAMINATE MAIN HOOK
830124	005639	C20H004	POLAR CRANE RECOVERY	161	2	CN	0.479	7.40	INSTALL TROLLEY SPIDER EQUIPMENT
830124	005640	D45J001	POLAR CRANE RECOVERY	161	1	CN	0.000	9.50	INSTALL PENDANT/FESTOON
830124	005641	D45J002	POLAR CRANE RECOVERY	161	4	CN	0.538	6.47	CLEAN/NDE MAIN HOOK
830125	005640	D45J001	POLAR CRANE RECOVERY	162	1	CN	0.286	3.60	INSTALL PENDANT/FESTOON
830125	005655	D45J002	POLAR CRANE RECOVERY	162	5	CN	0.667	9.75	REMOVE MAIN HOOK FROM POLAR CRANE
830126	005641	D45J002	POLAR CRANE RECOVERY	163	2	CN	0.132	2.35	CLEAN/NDE MAIN HOOK
830126	005655	D45J002	POLAR CRANE RECOVERY	163	5	CN	0.870	10.57	REMOVE MAIN HOOK FROM POLAR CRANE
830128	005677	D45J001	POLAR CRANE RECOVERY	165	9	CN	1.694	24.15	LOAD TEST BLOCK & TROLLEY
830131	005691	D45J002	POLAR CRANE RECOVERY	166	1	CN	0.108	1.67	CLEAN MAIN HOOK
830131	005693	D45J002	POLAR CRANE RECOVERY	166	2	CN	0.364	4.28	LOWER LS-H8 TO CUTTING AREA
830131	005694	D45J003	POLAR CRANE RECOVERY	166	2	CN	0.194	3.75	REMOVE COLLECTOR SHOES
830201	005716	D45J001	POLAR CRANE RECOVERY	167	4	CN	0.668	11.37	EXAMINE MAIN HOIST
830202	005724	C20H004	POLAR CRANE RECOVERY	168	2	CN	0.303	5.37	INSTALL TROLLEY SPIDER EQUIPMENT
830204	005744	C20H004	POLAR CRANE RECOVERY	170	6	CN	0.891	15.05	INSTALL TROLLEY SPIDER EQUIPMENT

PNO. 4
 .DATE 29 JUN 84 13:15:56 RID 31 29 JUN 84 DOERGE
 . UNC: DDS - ACTIVITY REPORT - POLAR CRANE RECOVERY M 286 D
 * .RWP .EXP TRK . ENTRY. PERS . DEPT .EXPOS .RWP .
 * DATE .NUMBER. NUMBER . ACTIVITY .NUMBER. ENTERD. CODE . REM . HOURS. . DESCRIPTION
 *=====

830204	005745	C20H004	POLAR CRANE RECOVERY	170	4	CN	0.469	11.37	REMOVE TROLLEY SPIDER EQUIPMENT
830204	005748	D45J003	POLAR CRANE RECOVERY	170	1	CN	0.000	0.38	DISASSEMBLE RESISTOR BANK
830207	005754	D45J002	POLAR CRANE RECOVERY	171	6	CN	0.854	9.88	INSPECT WIRE ROPE
830207	005764	C20H004	POLAR CRANE RECOVERY	171	4	CN	0.764	13.13	REMOVE TROLLEY SPIDER EQUIPMENT
830208	005775	D45J001	POLAR CRANE RECOVERY	172	1	CN	0.107	1.47	CLEAN/NOE MAIN HOOK
830208	005776	C20H004	POLAR CRANE RECOVERY	172	2	CN	0.326	4.93	INSTALL POWER AND CONTROL FOR SPIDER
830209	005782	C20H002	POLAR CRANE RECOVERY	173	2	CN	0.204	3.47	INSTALL FESTOON CABLE FOR CCTV CAMERA
830210	005792	D45J001	POLAR CRANE RECOVERY	174	2	CN	0.631	4.83	EXAMINE MAIN HOIST
830214	005813	D45J002	POLAR CRANE RECOVERY	176	5	CN	1.385	15.73	INSTALL INSPECTION BASKET
830216	005844	D45J001	POLAR CRANE RECOVERY	178	2	CN	0.366	6.70	LIMITED/FULL OPERATIONS TEST
830216	006502	C20H001	POLAR CRANE RECOVERY	178	1	CN	0.110	1.40	MEASURE WIRE ROPE & PHOTOGRAPH
830217	005843	D45J004	POLAR CRANE RECOVERY	179	4	CN	0.694	9.13	INSTALL 5 TON HOIST
830217	005856	C20H001	POLAR CRANE RECOVERY	179	4	CN	0.502	9.53	PREPARE FOR LIMITED OPERATION TEST
830218	005858	D45J004	POLAR CRANE RECOVERY	180	11	CN	1.370	9.13	LOAD FRAME ASSEMBLY ON ELEV. 347'
830218	005864	D45J001	POLAR CRANE RECOVERY	180	1	CN	0.080	1.68	RECONTAMINATION TEST
830218	005871	D45J004	POLAR CRANE RECOVERY	180	2	CN	0.327	3.88	INSTALL 5 TON HOIST
830223	005900	D45J004	POLAR CRANE RECOVERY	182	2	CN	0.101	1.43	REPAIR 5 TON HOIST
830223	005903	D45J004	POLAR CRANE RECOVERY	182	4	CN	0.543	8.12	LOAD TEST FRAME ASSEMBLY ON ELEV. 347'
830224	005915	D45J004	POLAR CRANE RECOVERY	183	4	CN	1.049	10.35	LOAD TEST FRAME ASSEMBLY ON ELEV. 347'
830225	005927	D45J003	POLAR CRANE RECOVERY	184	1	CN	0.112	1.37	ADJUST LIMIT SWITCH
830225	005928	D45J004	POLAR CRANE RECOVERY	184	8	CN	1.386	10.03	LOAD TEST FRAME ASSEMBLY ON ELEV. 347'
830302	005958	C20H004	POLAR CRANE RECOVERY	185	3	CN	0.644	8.27	REPAIR SPIDER
830302	005959	D45J001	POLAR CRANE RECOVERY	185	1	CN	0.145	1.90	INSPECT DECONTAMINATION EQUIPMENT
830303	005969	C20H002	POLAR CRANE RECOVERY	186	3	CN	0.310	4.82	INSTALL 110V POWER TO CCTV SYSTEM
830307	005987	D45J004	POLAR CRANE RECOVERY	187	18	CN	3.738	44.60	LOAD TEST FRAME ASSEMBLY ON ELEV. 347'
830308	006008	D45J004	POLAR CRANE RECOVERY	188	1	CN	0.114	1.55	INSPECT LOAD TEST FRAME
830308	006010	D45J004	POLAR CRANE RECOVERY	188	3	CN	0.453	5.63	LOAD TEST FRAME ASSEMBLY ON ELEV. 347'
830315	006058	D45J004	POLAR CRANE RECOVERY	193	5	CN	0.960	11.02	LOAD FRAME ASSEMBLY PREPARATIONS
830316	006058	D45J004	POLAR CRANE RECOVERY	194	5	CN	0.445	6.72	LOAD FRAME ASSEMBLY PREPARATIONS
830317	006072	D45J003	POLAR CRANE RECOVERY	195	4	CN	0.504	9.37	REDRESS BYPASS CABLES AND COVERS
830321	006090	D45J003	POLAR CRANE RECOVERY	197	2	CN	0.253	3.88	REDRESS BYPASS CABLES AND COVERS
830322	006116	D45J002	POLAR CRANE RECOVERY	198	2	CN	0.377	5.07	REPLACE EQUIPMENT COVERS
830323	006116	D45J002	POLAR CRANE RECOVERY	199	2	CN	0.380	6.37	REPLACE EQUIPMENT COVERS
830328	006141	D45J003	POLAR CRANE RECOVERY	201	1	CN	0.194	2.50	REPLACE RESISTOR BANK COVERS
830328	006142	D45J002	POLAR CRANE RECOVERY	201	2	CN	0.275	5.10	BOLT DOWN EQUIPMENT COVERS
830330	006164	D45J002	POLAR CRANE RECOVERY	207	1	CN	0.152	3.18	LUBRICATE ELECTRIC MOTORS
830330	006175	D45J001	POLAR CRANE RECOVERY	203	1	CN	0.057	0.83	INSPECT ELEVATION 305'
830407	006223	D20A001	POLAR CRANE RECOVERY	207	2	CN	0.210	3.50	TAKE ELEVATIONS ON TOP OF D RINGS
830407	006225	D45J001	POLAR CRANE RECOVERY	205	1	CN	0.114	1.00	DECON INSPECTION
830411	006242	D45J001	POLAR CRANE RECOVERY	206	1	CN	0.073	0.63	DECON INSPECTION
830429	006379	D45J001	POLAR CRANE RECOVERY	211	1	CN	0.142	1.42	DECON INSPECTION
830513	006496	D45J001	POLAR CRANE RECOVERY	210	1	CN	0.155	2.45	DECON INSPECTION
830527	006597	D45J003	POLAR CRANE RECOVERY	230	1	CN	0.173	2.40	REPAIR CONNECTOR
830614	006727	D22E013	POLAR CRANE RECOVERY	238	3	CN	1.25	7.70	REMOVE ENCLAVES FROM POLAR CRANE
830701	006851	C35N001	POLAR CRANE RECOVERY	248	3	CN	0.683	7.95	SHIELDING FOR POLAR CRANE OPERATOR
830706	006886	C35N001	POLAR CRANE RECOVERY	250	3	CN	0.211	3.28	SHIELDING FOR POLAR CRANE OPERATOR
830812	007211	D45J003	POLAR CRANE RECOVERY	252	2	CN	0.191	3.30	ALIGN ON ELEVATION 347'
830815	007211	D45J003	POLAR CRANE RECOVERY	252	1	CN	0.191	3.30	ALIGN ON ELEVATION 347'
830906	007374	D45J001	POLAR CRANE RECOVERY	252	1	CN	0.191	3.30	ALIGN ON ELEVATION 347'

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. UNC: DDS - ACTIVITY REPORT - POLAR CRANE RECOVERY M 286 D

* .RWP .EXF TRK .

* .ENTRY, FERS, DEFT, EXPOS, RWP

* .DATE, NUMBER, NUMBER, ACTIVITY, NUMBER, ENTERD, CODE, RFM, HOURS

DESCRIPTION

*.DATE	*.NUMBER	*.NUMBER	*.ACTIVITY	*.NUMBER	*.ENTERD	*.CODE	*.RFM	*.HOURS	*.DESCRIPTION
830906	007412	D45J001	POLAR CRANE RECOVERY	287	3	CN	0.211	5.23	CHANGE OIL-POLAR CRANE
830907	007412	D45J001	POLAR CRANE RECOVERY	283	4	CI	0.423	9.30	CHANGE OIL-POLAR CRANE
830908	007412	D45J001	POLAR CRANE RECOVERY	284	7	CN	0.192	14.21	CHANGE OIL-POLAR CRANE
830913	007471	D45J001	POLAR CRANE RECOVERY	287	4	CI	0.470	8.10	CHANGE OIL-POLAR CRANE
830914	007471	D45J001	POLAR CRANE RECOVERY	288	4	CN	0.439	7.52	CHANGE OIL-POLAR CRANE
830914	007481	D45J001	POLAR CRANE RECOVERY	288	2	CN	0.228	4.60	INSPECTION OF RUNWAY RAILS
830919	007501	D45J003	POLAR CRANE RECOVERY	289	7	CN	0.881	12.30	INSPECT/REPAIR 5 TON HOIST
830919	007502	D45J004	POLAR CRANE RECOVERY	289	2	CN	0.207	5.18	INSPECTION OF RUNWAY RAILS
830920	007502	D45J004	POLAR CRANE RECOVERY	290	2	CN	0.187	3.78	INSPECTION OF RUNWAY RAILS
830921	007535	D45J003	POLAR CRANE RECOVERY	291	2	CN	0.125	2.93	REPAIR 5 TON HOIST
830922	007540	D45J001	POLAR CRANE RECOVERY	292	5	CN	0.544	10.62	CHANGE OIL-POLAR CRANE
830923	007540	D45J001	POLAR CRANE RECOVERY	293	4	CN	0.437	8.12	CHANGE OIL-POLAR CRANE

. GRAND-TOTAL -

. PERS ENTERD - 818

. EXPOS REM = 91.666000

. RWP HOURS = 1323.9400

TMI-2

POLAR CRANE RECOVERY

QA - QUALITY ASSURANCE

PNO. 1
 .DATE 09 JUN 81 13 11:56 PLO 1 29 JUN 84 DREFGE
 . UNC: DDS - ACTIVITY REPORT - POLAR CRANE RECOVERY M 236 T
 * .RWP .EXP TRK . ENTRY PERS . DEFT .E PERS .RWP .
 * DATE .NUMBER .NUMBER . ACTIVITY .NUMBER .ENTERD .CODE . REM . HOURS . DESCRIPTION
 ----------*-----*-----*-----*-----*-----*-----*-----*
 810511 001054 D45J001 POLAR CRANE RECOVERY 10 1 Q 0.150 1.50 INITIAL CLIMB TO POLAR CRANE
 810528 001151 D45J001 POLAR CRANE RECOVERY 11 1 Q 0.150 1.50 INSTALL SAFETY EQUIPMENT ON POLAR CRANE
 810701 001394 D45J001 POLAR CRANE RECOVERY 13 1 S 0.377 4.11 INSPECTION & SURVEY OF POLAR CRANE
 821201 005218 D45J002 POLAR CRANE RECOVERY 129 1 QH 0.141 2.37 STRUCTURAL INSPECTION
 821220 005363 D45J002 POLAR CRANE RECOVERY 140 1 Q 0.119 2.27 STRUCTURAL INSPECTION
 830126 005641 D45J002 POLAR CRANE RECOVERY 163 2 Q 0.202 4.22 CLEAN/NDE MAIN HOOK
 830201 005717 D45J002 POLAR CRANE RECOVERY 16 2 QA 0.187 2.67 CLEAN/NDE MAIN HOOK
 830208 005775 D45J001 POLAR CRANE RECOVERY 172 2 Q 0.112 1.78 CLEAN/NDE MAIN HOOK
 830216 005844 D45J001 POLAR CRANE RECOVERY 178 2 QA 0.333 6.17 LIMITED/FULL OPERATIONS TEST
 .
 .GRAND-TOTAL -
 . PERS ENTERD 17
 . EXPOS REM = 1.7740000
 . RWP HOURS = 27.130000

TMI-2

POLAR CRANE RECOVERY

OP - SITE OPERATIONS

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PNO. 1
DATE 29 JUN 84 13:15:56 FID 31 29 JUN 84 DOFFCE
. UNC: DDS - ACTIVITY REPORT - POLAR CRANE RECOVERY M 286 D
* .RWP .EXP TRK . ENTRY. PERS . DEFT .EXFOS .RWP .
* DATE .NUMBER. NUMBER . ACTIVITY .NUMBER.ENTFRD. CODE . REM . HOURS. . DESCRIPTION
*=====,=====,=====,=====,=====,=====,=====,=====,=====,=====,=====
830923 007540 D45J001 POLAR CRANE RECOVERY 293 1 OP 0.002 1.62 CHANGE OIL-POLAR CRANE
.
.GRAND-TOTAL -
. PERS ENTERD = 1
. EXPOS REM = 0.0020000
. RWP HOURS = 1.6200000

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TMI-2

POLAR CRANE RECOVERY

HP - HEALTH PHYSICS (RADIOLOGICAL ENGINEERING)

PNO. 1

.DATE 29 JUN 84 13:15:56 RID 31 29 JUN 84 DOERGE

* .UNC: DDS - ACTIVITY REPORT - POLAR CRANE RECOVERY M 286 D

* .RWP .EXP TRK . ENTRY, PERS, DEPT, EXPOS, RWP

* DATE, NUMBER, NUMBER, ACTIVITY, NUMBER, ENTERED, CODE, REM, HOURS.

DATE	NUMBER	NUMBER	ACTIVITY	NUMBER	ENTERED	CODE	REM	HOURS	DESCRIPTION
810528	001148	C50H001	POLAR CRANE RECOVERY	11	1	HP		0.480 1.58	GENERAL AREA DOSE RATE SURVEYS
810528	001150	C50H001	POLAR CRANE RECOVERY	11	1	HP		0.271 1.08	GENERAL AREA DOSE RATE SURVEYS
811120	002474	C30G003	POLAR CRANE RECOVERY	22	2	HP		0.399 5.08	POLAR CRANE OVERHAUL INSPECTION
820224	003141	C30G003	POLAR CRANE RECOVERY	40	6	HP		1.909 16.33	PRE-DECON DATA ACQUISITION
820302	003173	C30G016	POLAR CRANE RECOVERY	41	3	HP		0.741 11.75	LOW PRESSURE FLUSH OF POLAR CRANE
820304	003187	C30G017	POLAR CRANE RECOVERY	43	3	HP		0.548 8.08	LOW PRESSURE FLUSH & DATA ACQUISITION
820305	003187	C30G017	POLAR CRANE RECOVERY	44	3	HP		0.414 6.25	LOW PRESSURE FLUSH & DATA ACQUISITION
820308	003213	C30G017	POLAR CRANE RECOVERY	45	4	HP		0.688 9.83	LOW PRESSURE FLUSH & DATA ACQUISITION
820331	003436	C20H001	POLAR CRANE RECOVERY	56	1	HP		0.180 2.67	RADIATION SURVEYS/JOB COVERAGE
820331	003440	C30G003	POLAR CRANE RECOVERY	56	1	HP		0.177 2.53	POST DECON DATA ACQUISITION
820712	004267	C20H001	POLAR CRANE RECOVERY	71	3	HP		0.496 4.92	RADIATION SURVEYS/JOB COVERAGE
820820	004536	D45J001	POLAR CRANE RECOVERY	84	1	HP		0.079 0.67	MOVE BFAMS-347' ELEVATION
820820	004548	C20H001	POLAR CRANE RECOVERY	84	2	HP		0.112 1.43	RADIATION SURVEYS/JOB COVERAGE
820823	004550	C90K001	POLAR CRANE RECOVERY	85	1	HP		0.126 1.43	INSTALL POWER BUGGY/REMOVE PENDANT
820825	004587	C20H001	POLAR CRANE RECOVERY	86	1	HP		0.080 1.00	RADIATION SURVEYS/JOB COVERAGE
820827	004591	D45J001	POLAR CRANE RECOVERY	87	1	HP		0.097 1.50	POLAR CRANE INSPECTION
820830	004601	C20H001	POLAR CRANE RECOVERY	88	2	HP		0.043 1.67	RADIATION SURVEYS/JOB COVERAGE
820908	004617	D45J002	POLAR CRANE RECOVERY	91	1	HP		0.000 0.67	GEAR CASE OIL SAMPLES
820915	004708	D45J001	POLAR CRANE RECOVERY	93	2	HP		0.305 4.42	EQUIPMENT PROTECTION-POLAR CRANE
820915	004710	D45J003	POLAR CRANE RECOVERY	93	1	HP		0.146 2.42	CABLE SAMPLE WALKDOWN
820920	004710	D45J003	POLAR CRANE RECOVERY	95	1	HP		0.365 1.92	CABLE SAMPLE WALKDOWN
821001	004825	C20H001	POLAR CRANE RECOVERY	100	1	HP		0.239 1.08	RADIATION SURVEYS/JOB COVERAGE
821004	004838	C20H001	POLAR CRANE RECOVERY	101	1	HP		0.066 0.83	RADIATION SURVEYS/JOB COVERAGE
821006	004859	C20H001	POLAR CRANE RECOVERY	102	1	HP		0.075 0.93	RADIATION SURVEYS/JOB COVERAGE
821008	004867	C20H001	POLAR CRANE RECOVERY	103	1	HP		0.101 1.58	RADIATION SURVEYS/JOB COVERAGE
821011	004881	C20H001	POLAR CRANE RECOVERY	104	1	HP		0.035 0.48	RADIATION SURVEYS/JOB COVERAGE
821014	004905	C20H001	POLAR CRANE RECOVERY	106	1	HP		0.045 0.65	RADIATION SURVEYS/JOB COVERAGE
821018	004934	C20H001	POLAR CRANE RECOVERY	108	1	HP		0.085 0.75	RADIATION SURVEYS/JOB COVERAGE
821021	004949	C20H001	POLAR CRANE RECOVERY	110	1	HP		0.094 2.08	RADIATION SURVEYS/JOB COVERAGE
821027	004992	D41C001	POLAR CRANE RECOVERY	113	2	HP		0.308 4.50	PATHOLOGICAL CHARACTERIZATION OF P.C.
821028	004997	C20H001	POLAR CRANE RECOVERY	114	1	HP		0.018 0.72	RADIATION SURVEYS/JOB COVERAGE
821029	004997	C20H001	POLAR CRANE RECOVERY	115	1	HP		0.028 0.85	RADIATION SURVEYS/JOB COVERAGE
821101	005010	C20H001	POLAR CRANE RECOVERY	116	1	HP		0.049 0.25	RADIATION SURVEYS/JOB COVERAGE
821101	005013	D45J002	POLAR CRANE RECOVERY	116	2	HP		0.251 5.72	DISCONNECT COUPLINGS
821103	005013	D45J002	POLAR CRANE RECOVERY	117	1	HP		0.183 2.28	DISCONNECT COUPLINGS
821108	005039	C20H001	POLAR CRANE RECOVERY	119	1	HP		0.125 1.05	RADIATION SURVEYS/JOB COVERAGE
821110	005079	C20H001	POLAR CRANE RECOVERY	120	2	HP		0.304 3.07	RADIATION SURVEYS/JOB COVERAGE
821112	005089	C20H001	POLAR CRANE RECOVERY	121	4	HP		1.179 12.35	RADIATION SURVEYS/JOB COVERAGE
821115	005107	C20H001	POLAR CRANE RECOVERY	122	1	HP		0.176 2.25	RADIATION SURVEYS/JOB COVERAGE
821118	005130	C20H001	POLAR CRANE RECOVERY	124	2	HP		0.270 4.73	RADIATION SURVEYS/JOB COVERAGE
821119	005130	C20H001	POLAR CRANE RECOVERY	125	1	HP		0.175 1.45	RADIATION SURVEYS/JOB COVERAGE
821122	005157	D20A001	POLAR CRANE RECOVERY	126	1	HP		0.267 2.40	RADIATION SURVEYS AND JOB COVERAGE
821124	005184	C20H001	POLAR CRANE RECOVERY	127	1	HP		0.130 0.83	RADIATION SURVEYS/JOB COVERAGE
821124	005186	C50H001	POLAR CRANE RECOVERY	127	1	HP		0.015 2.38	RADIATION SURVEYS/JOB COVERAGE
821129	006194	C20H001	POLAR CRANE RECOVERY	128	1	HP		0.108 2.27	RADIATION SURVEYS/JOB COVERAGE
821201	005216	C20H001	POLAR CRANE RECOVERY	129	1	HP		0.105 1.15	RADIATION SURVEYS/JOB COVERAGE
821206	005248	C20H001	POLAR CRANE RECOVERY	132	1	HP		0.060 0.82	RADIATION SURVEYS/JOB COVERAGE
821209	005287	C20H001	POLAR CRANE RECOVERY	134	1	HP		0.225 2.17	RADIATION SURVEYS/JOB COVERAGE
821210	005295	C20H001	POLAR CRANE RECOVERY	135	1	HP		0.273 7.17	RADIATION SURVEYS/JOB COVERAGE

PRO. 2
 DATE 29 JUN 84 13:10:15- MID 1 29 14 84 DDFRGE
 JUL: DD: ACTIVITY REPORT FOLAR CRANE RECOVERY 1 29 14 84
 * DATE, RWF, EAF TRK, ENTFR, PFRS, IFF, E, M, HOLF

* DATE	NUMBER	NUMBER	ACTIVITY	NUMBER	ENTFR	PFRS	IFF	E	M	HOLF	DESCRIPTION
821213	005302	C20H001	FOLAR CRANE RECOVERY	135	1						RADIATION SURVEYS/JOB COVERAGE
821214	005302	C20H001	FOLAR CRANE RECOVERY	137	1						RADIATION SURVEYS/JOB COVERAGE
821216	005302	C20H001	FOLAR CRANE RECOVERY	137	1						RADIATION SURVEYS/JOB COVERAGE
821216	005340	D45J003	FOLAR CRANE RECOVERY	135	1	FF				0.02	TROLLEY POWER CONTROL BYPASS
821217	005351	C20H001	FOLAR CRANE RECOVERY	137	1					2.30	RADIATION SURVEYS/JOB COVERAGE
831222	005386	C20H001	FOLAR CRANE RECOVERY	137	1					0.73	RADIATION SURVEYS/JOB COVERAGE
821228	005442	C70H001	FOLAR CRANE RECOVERY	137	1					1.25	HF SURVEYS/JOB COVERAGE
821229	005429	C70H001	FOLAR CRANE RECOVERY	137	1					0.57	HF SURVEYS/JOB COVERAGE
821230	005441	C70H001	FOLAR CRANE RECOVERY	137	1					1.32	HF SURVEYS/JOB COVERAGE
830104	005461	C70H001	FOLAR CRANE RECOVERY	137	1					1.55	HF SURVEYS/JOB COVERAGE
830105	005479	C70H001	FOLAR CRANE RECOVERY	137	1					1.07	HF SURVEYS/JOB COVERAGE
830106	005491	C70H001	FOLAR CRANE RECOVERY	137	1					1.07	HF SURVEYS/JOB COVERAGE
830107	005507	C70H001	FOLAR CRANE RECOVERY	137	1					1.07	HF SURVEYS/JOB COVERAGE
830111	005514	D45J001	FOLAR CRANE RECOVERY	137	1					3.33	SURVEY RUNWAY RAIL
830112	005514	D45J001	FOLAR CRANE RECOVERY	137	1					1.07	SURVEY RUNWAY RAIL
830112	005555	C70H001	FOLAR CRANE RECOVERY	137	1					0.73	HF SURVEYS/JOB COVERAGE
830113	005556	D45J001	FOLAR CRANE RECOVERY	137	1					1.07	SURVEY RUNWAY RAIL
830117	005573	C70H001	FOLAR CRANE RECOVERY	137	1					2.30	HF SURVEYS/JOB COVERAGE
830118	005598	C70H001	FOLAR CRANE RECOVERY	137	1					1.07	HF SURVEYS/JOB COVERAGE
830119	005614	C70H001	FOLAR CRANE RECOVERY	137	1	FF				0.18	HF SURVEYS/JOB COVERAGE
830121	005630	C70H001	FOLAR CRANE RECOVERY	160	1	HP				0.174	HP SURVEYS/JOB COVERAGE
830124	005635	C70H001	FOLAR CRANE RECOVERY	161	1	HP				0.155	HP SURVEYS/JOB COVERAGE
830125	005656	C70H001	FOLAR CRANE RECOVERY	162	2	HP				0.354	HP SURVEYS/JOB COVERAGE
830126	005662	C70H001	FOLAR CRANE RECOVERY	163	1	HP				0.048	HP SURVEYS/JOB COVERAGE
830127	005673	C70H001	FOLAR CRANE RECOVERY	164	1	HP				0.114	HP SURVEYS/JOB COVERAGE
830128	005677	C70H001	FOLAR CRANE RECOVERY	165	1	HP				0.038	HP SURVEYS/JOB COVERAGE
830131	005693	D45J002	FOLAR CRANE RECOVERY	166	2	HP				0.344	LOWER LS-HR TO CUTTING AREA
830201	005713	C70H001	FOLAR CRANE RECOVERY	167	1	HP				0.148	HP SURVEYS/JOB COVERAGE
830203	005713	C70H001	FOLAR CRANE RECOVERY	169	1	HP				0.132	HP SURVEYS/JOB COVERAGE
830204	005713	C70H001	FOLAR CRANE RECOVERY	170	1	HP				0.027	HP SURVEYS/JOB COVERAGE
830207	005757	C70H001	FOLAR CRANE RECOVERY	171	1	HP				0.060	HP SURVEYS/JOB COVERAGE
830208	005757	C70H001	FOLAR CRANE RECOVERY	172	1	HP				0.095	HP SURVEYS/JOB COVERAGE
830210	005757	C70H001	FOLAR CRANE RECOVERY	174	1	HP				0.045	HP SURVEYS/JOB COVERAGE
830211	005757	C70H001	FOLAR CRANE RECOVERY	175	1	HP				0.029	HP SURVEYS/JOB COVERAGE
830214	005812	C70H001	FOLAR CRANE RECOVERY	176	1	HP				0.087	HP SURVEYS/JOB COVERAGE
830216	005835	C70H001	FOLAR CRANE RECOVERY	178	1	HP				0.082	HP SURVEYS/JOB COVERAGE
830218	005835	C70H001	FOLAR CRANE RECOVERY	180	1	HP				0.075	HP SURVEYS/JOB COVERAGE
830223	005878	C70H001	FOLAR CRANE RECOVERY	182	1	HP				0.035	HP SURVEYS/JOB COVERAGE
830224	005878	C70H001	FOLAR CRANE RECOVERY	183	1	HP				0.276	HP SURVEYS/JOB COVERAGE
830225	005926	C70H001	FOLAR CRANE RECOVERY	184	1	HP				0.120	HP SURVEYS/JOB COVERAGE
830302	005961	C70H001	FOLAR CRANE RECOVERY	185	1	HP				0.147	HP SURVEYS/JOB COVERAGE
830303	005966	C70H001	FOLAR CRANE RECOVERY	186	1	HP				0.130	HP SURVEYS/JOB COVERAGE
830307	005986	C70H001	FOLAR CRANE RECOVERY	187	3	HP				0.209	HP SURVEYS/JOB COVERAGE
830308	006009	C70H001	FOLAR CRANE RECOVERY	188	1	HP				0.057	HP SURVEYS/JOB COVERAGE
830316	006067	C70H001	FOLAR CRANE RECOVERY	194	3	HP				0.195	HP SURVEYS/JOB COVERAGE
830317	006034	C70H001	FOLAR CRANE RECOVERY	195	1	HP				0.047	HP SURVEYS/JOB COVERAGE
830322	006115	C70H001	FOLAR CRANE RECOVERY	198	1	HP				0.066	HP SURVEYS/JOB COVERAGE
830328	006139	C70H001	FOLAR CRANE RECOVERY	201	2	HP				0.155	HP SURVEYS/JOB COVERAGE
830330	006176	C70H001	FOLAR CRANE RECOVERY	203	1	HP				0.185	HP SURVEYS/JOB COVERAGE

PNO. 3

.DATE 29 JUN 84 13:15:56 RID 31 29 JUN 84 DOERGE

. UNC: DDS - ACTIVITY REPORT - POLAR CRANE RECOVERY M 286 D

* .RWP .EXP TRK . ENTRY, PFRS . DEPT .EXPOS .RWP .

* DATE .NUMBER. NUMBER . ACTIVITY .NUMBER,ENTERD. CODE . RFM . HOURS. .

										DESCRIPTION
830407	006226	C70H001	POLAR CRANE RECOVERY	205	1	HP	0.000	0.73	HP SURVEYS/JOB COVERAGE	
830411	006240	C70H001	POLAR CRANE RECOVERY	206	1	HP	0.199	1.50	HP SURVEYS/JOB COVERAGE	
830429	006372	C70H001	POLAR CRANE RECOVERY	211	1	HP	0.310	1.02	HP SURVEYS/JOB COVERAGE	
830504	006421	C70H001	POLAR CRANE RECOVERY	214	2	HP	0.623	2.02	HP SURVEYS/JOB COVERAGE	
830505	006430	C70H001	POLAR CRANE RECOVERY	215	1	HP	0.230	1.32	HP SURVEYS/JOB COVERAGE	
830513	006492	C70H001	POLAR CRANE RECOVERY	220	2	HP	0.284	3.72	HP SURVEYS/JOB COVERAGE	
830520	006545	C70H001	POLAR CRANE RECOVERY	225	1	HF	0.214	2.23	HP SURVEYS/JOB COVERAGE	
830523	006563	C70H001	POLAR CRANE RECOVERY	226	1	HF	0.080	1.25	HP SURVEYS/JOB COVERAGE	
830525	006583	C70H001	POLAR CRANE RECOVERY	228	1	HP	0.078	0.87	HP SURVEYS/JOB COVERAGE	
830527	006583	C70H001	POLAR CRANE RECOVERY	230	1	HF	0.133	0.95	HP SURVEYS/JOB COVERAGE	
830615	006724	C70H001	POLAR CRANE RECOVERY	239	1	HP	0.187	1.77	HP SURVEYS/JOB COVERAGE	
830701	006822	C70H001	POLAR CRANE RECOVERY	248	1	HF	0.163	1.23	HP SURVEYS/JOB COVERAGE	
830706	006858	C70H001	POLAR CRANE RECOVERY	250	3	HP	0.652	3.92	HP SURVEYS/JOB COVERAGE	
830812	007142	C70H001	POLAR CRANE RECOVERY	277	1	HF	0.080	1.40	HP SURVEYS/JOB COVERAGE	
830815	007213	C70H001	POLAR CRANE RECOVERY	273	1	HF	0.055	0.80	HP SURVEYS/JOB COVERAGE	
830822	007277	C70H001	POLAR CRANE RECOVERY	276	1	HF	0.124	1.20	HP SURVEYS/JOB COVERAGE	
830823	007277	C70H001	POLAR CRANE RECOVERY	277	1	HF	0.101	0.83	HP SURVEYS/JOB COVERAGE	
830906	007390	C70H001	POLAR CRANE RECOVERY	282	1	HF	0.038	0.57	HP SURVEYS/JOB COVERAGE	
830907	007390	C70H001	POLAR CRANE RECOVERY	283	1	HF	0.067	0.78	HP SURVEYS/JOB COVERAGE	
830908	007390	C70H001	POLAR CRANE RECOVERY	284	2	HF	0.067	1.23	HP SURVEYS/JOB COVERAGE	
830909	007390	C70H001	POLAR CRANE RECOVERY	285	1	HF	0.072	1.02	HP SURVEYS/JOB COVERAGE	
830913	007446	C70H001	POLAR CRANE RECOVERY	287	2	HF	0.259	2.82	HP SURVEYS/JOB COVERAGE	
830914	007446	C70H001	POLAR CRANE RECOVERY	288	1	HF	0.150	1.73	HP SURVEYS/JOB COVERAGE	
830914	007481	C70H001	POLAR CRANE RECOVERY	288	1	HF	0.104	2.15	HP SURVEYS/JOB COVERAGE	
830914	007481	D45J001	POLAR CRANE RECOVERY	233	1	HF	0.104	2.25	INSPECTION OF RUNWAY RAILS	
830919	007504	C70H001	POLAR CRANE RECOVERY	289	2	HF	0.187	2.80	HP SURVEYS/JOB COVERAGE	
830920	007504	C70H001	POLAR CRANE RECOVERY	290	1	HP	0.076	1.65	HP SURVEYS/JOB COVERAGE	
830921	007504	C70H001	POLAR CRANE RECOVERY	291	2	HP	0.251	2.80	HP SURVEYS/JOB COVERAGE	
830922	007504	C70H001	POLAR CRANE RECOVERY	292	1	HF	0.095	1.08	HP SURVEYS/JOB COVERAGE	
830923	007504	C70H001	POLAR CRANE RECOVERY	293	1	HP	0.000	0.88	HP SURVEYS/JOB COVERAGE	
831012	007722	C70H001	POLAR CRANE RECOVERY	299	2	HP	0.333	3.47	HP SURVEYS/JOB COVERAGE	
831219	008115	C70H001	POLAR CRANE RECOVERY	311	1	HF	0.018	0.42	HP SURVEYS/JOB COVERAGE	

.GRAND-TOTAL -

. PERS ENTERD = 178

. EXPOS REM = 24.523000

. RWP HOURS = 286.95000

TMI-2

POLAR CRANE RECOVERY

CM - PLANT OPERATIONS MAINTENANCE GENERAL

```

PND. 1
DATE 29 JUN 84 13:15:55 RID 31 29 JUN 84 DOERGE
* UNC: DDS - ACTIVITY REPORT - POLAR CRANE RECOVERY M 286 D
* .RWP .EXF TRK . ENTRY. PERS . DEFT .EXPOS .RWP .
* DATE .NUMBER. NUMBER . ACTIVITY .NUMBER. ENTERD. CODE . REM . HOURS. . DESCRIPTION
*-----,-----,-----,-----,-----,-----,-----,-----,-----,-----,
820903 004617 D45J002 POLAR CRANE RECOVERY 90 1 CM 0.000 1.17 GEAR CASE OIL SAMPLES
820908 004617 D45J002 POLAR CRANE RECOVERY 91 1 CM 0.003 1.67 GEAR CASE OIL SAMPLES
821220 005363 D45J002 POLAR CRANE RECOVERY 140 1 CM 0.115 2.02 STRUCTURAL INSPECTION

* GRAND-TOTAL -
* PERS ENTERD 3
* EXPOS REM 0.1180000
* RWI HOURS 4.3600000

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TMI-2

POLAR CRANE RECOVERY

EL - ELECTRICAL MAINTENANCE

DATE 29 JUN 84 13:15:56 RID 31 29 JUN 84 DOFRGE

* ,RWP ,EXP TRN , , ENTRY, PERS , DEPT ,EXPOS ,RWP ,

[illegible]

810701	001374	D45J001	POLAR CRANE RECOVERY	13	1 EL	0.340	4.13	INSPECTION & SURVEY OF POLAR CRANE
820830	004600	D45J003	POLAR CRANE RECOVERY	88	4 EL	0.667	10.42	ELECTRICAL INSPECTION
820903	004600	D45J003	POLAR CRANE RECOVERY	90	4 EL	0.763	8.25	ELECTRICAL INSPECTION
821105	005049	D45J003	POLAR CRANE RECOVERY	118	2 EL	0.350	4.93	BRIDGE CONTROL FUNCTIONAL TEST
821108	005062	D45J003	POLAR CRANE RECOVERY	119	2 EL	0.223	3.43	TROLLEY FUNCTIONAL TEST
821110	005080	D45J003	POLAR CRANE RECOVERY	120	2 EL	0.366	6.27	MAIN HOIST FUNCTIONAL TEST
821115	005105	D45J003	POLAR CRANE RECOVERY	122	2 EL	0.301	4.50	BRIDGE CONTROL FUNCTIONAL TEST
821118	005133	D45J003	POLAR CRANE RECOVERY	124	2 EL	0.520	7.00	RESISTOR BANK TESTING
821119	005133	D45J003	POLAR CRANE RECOVERY	125	2 EL	0.438	5.10	RESISTOR BANK TESTING
821122	005156	D45J003	POLAR CRANE RECOVERY	126	2 EL	0.172	2.38	RESISTOR BANK TESTING
821124	005182	D45J003	POLAR CRANE RECOVERY	127	2 EL	0.307	4.53	BRIDGE DRIVE TESTING
821129	005182	D45J003	POLAR CRANE RECOVERY	128	2 EL	0.306	5.28	BRIDGE DRIVE TESTING
821201	005182	D45J003	POLAR CRANE RECOVERY	129	1 EL	0.200	2.48	BRIDGE DRIVE TESTING
821202	005224	D45J003	POLAR CRANE RECOVERY	130	2 EL	0.305	4.88	SLOW SPEED MOTORS TESTING
821203	005224	D45J003	POLAR CRANE RECOVERY	131	1 EL	0.142	2.23	SLOW SPEED MOTORS TESTING
821206	005224	D45J003	POLAR CRANE RECOVERY	132	2 EL	0.294	5.25	SLOW SPEED MOTORS TESTING
821208	005224	D45J003	POLAR CRANE RECOVERY	133	1 EL	0.120	2.27	SLOW SPEED MOTORS TESTING
821209	005285	D45J003	POLAR CRANE RECOVERY	134	2 EL	0.440	6.38	CRANE MOTOR TESTING
821210	005285	D45J003	POLAR CRANE RECOVERY	135	1 EL	0.203	3.48	CRANE MOTOR TESTING
821213	005307	D45J003	POLAR CRANE RECOVERY	136	2 EL	0.757	7.57	SLOW SPEED MOTORS TESTING
821214	005307	D45J003	POLAR CRANE RECOVERY	137	1 EL	0.230	3.50	SLOW SPEED MOTORS TESTING
821217	005353	D45J003	POLAR CRANE RECOVERY	139	3 EL	0.610	8.45	REPLACE RESISTOR BANK
821220	005364	D45J003	POLAR CRANE RECOVERY	140	1 EL	0.189	3.43	SLOW SPEED MOTORS TESTING
821221	005364	D45J003	POLAR CRANE RECOVERY	141	1 EL	0.134	2.52	SLOW SPEED MOTORS TESTING
821221	005382	D45J003	POLAR CRANE RECOVERY	141	4 EL	0.832	12.00	SLOW SPEED MOTORS TESTING
821222	005364	D45J003	POLAR CRANE RECOVERY	142	1 EL	0.154	2.88	SLOW SPEED MOTORS TESTING
821228	005419	D45J003	POLAR CRANE RECOVERY	144	1 EL	0.121	2.58	MAIN HOIST RUN TESTING
821229	005428	D45J003	POLAR CRANE RECOVERY	145	2 EL	0.293	5.00	SLOW SPEED MOTORS TESTING
821230	005442	D45J003	POLAR CRANE RECOVERY	146	2 EL	0.224	4.08	MAIN HOIST SLOW SPEED MOTOR TESTING
830104	005455	D45J003	POLAR CRANE RECOVERY	147	1 EL	0.162	2.65	DRIVE TEST
830105	005455	D45J003	POLAR CRANE RECOVERY	148	2 EL	0.251	4.72	DRIVE TEST
830106	005455	D45J003	POLAR CRANE RECOVERY	149	1 EL	0.133	2.83	DRIVE TEST
830107	005455	D45J003	POLAR CRANE RECOVERY	150	2 EL	0.238	4.47	DRIVE TEST
830107	005490	D45J001	POLAR CRANE RECOVERY	150	1 EL	0.131	2.42	RECONNECT COUPLINGS ON POLAR CRANE
830112	005509	D45J003	POLAR CRANE RECOVERY	153	2 EL	0.294	4.72	DRIVE TEST
830118	005602	D45J003	POLAR CRANE RECOVERY	157	2 EL	0.415	5.55	DRIVE TEST
830119	005602	D45J003	POLAR CRANE RECOVERY	158	1 EL	0.187	4.32	DRIVE TEST
830126	005660	D45J003	POLAR CRANE RECOVERY	163	2 EL	0.333	5.35	DRIVE TEST
830128	005680	D45J003	POLAR CRANE RECOVERY	165	2 EL	0.316	5.48	DRIVE TEST
830131	005692	D45J003	POLAR CRANE RECOVERY	166	2 EL	0.289	5.50	DRIVE TEST
830201	005716	D45J001	POLAR CRANE RECOVERY	167	1 EL	0.218	2.87	EXAMINE MAIN HOIST
830201	005717	D45J002	POLAR CRANE RECOVERY	167	1 EL	0.000	0.35	CLEAN/NDE MAIN HOOK
830204	005748	D45J003	POLAR CRANE RECOVERY	170	2 EL	0.013	5.02	DISASSEMBLE RESISTOR BANK
830210	005792	D45J001	POLAR CRANE RECOVERY	174	1 EL	0.252	2.43	EXAMINE

TMI-2

POLAR CRANE RECOVERY

IC - INSTRUMENT & CONTROL

.DATE 29 JUN 84 13:15:56 RID 31 29 JUN 84 DOERGE

* DATE	RWP NUMBER	EXP TRK NUMBER	ACTIVITY	ENTRY, PERS	DEPT	FXPOS	RWP

820920 004732 0451003 SOLAR CRANE RECOUNTY

820922	004732	D45J003	POLAR CRANE RECOVERY	96	2	IC	0.271	3.93
831013	003897	D45J001	POLAR CRANE RECOVERY	105	1	IC	0.111	3.93

830121	005629	D45J002	POLAR CRANE RECOVERY	160	1	IC	0.000	0.05
830211	005798	C20H002	POLAR CRANE RECOVERY	175	1	IC	0.140	3.50

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*
* GRAND-TOTAL  -

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. PERS ENTERD = 1.1670000
. EXPOS REM = 1.1670000

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* RWP      HOURS = 15.280000

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DESCRIPTION
INSTALL CAMERA
INSTALL CAMERA
REPLACE CCTV CAMERA
DECONTAMINATE MAIN HOOK
INSTALL CCTV EQUIPMENT ON POLAR CRANE

• GRAND-TOTAL -

* PERS ENTERD = 7

• EXPOS REM = 1.1670000

RWP HOURS = 15.280000

TMI-2

POLAR CRANE RECOVERY

MM - MECHANICAL MAINTENANCE

PNO. 1
 .DATE 29 JUN 84 13:15:56 RID 31 29 JUN 84 DOERGE
 . UNC: DDS - ACTIVITY REPORT - POLAR CRANE RECOVERY M 286 D
 * .RWP .EXP TRK . .ENTRY. PERS . DFPT .EXPOS .RWP .
 * DATE .NUMBER. NUMBER . ACTIVITY .NUMBER. ENTERD. CODE . REM . HOURS. . DESCRIPTION .
 *=====

820827	004586	D45J002	POLAR CRANE RECOVERY	87	2	MM	0.484	6.67	MOVE TROLLEY
820830	004602	D45J001	POLAR CRANE RECOVERY	88	2	MM	0.334	4.83	GEAR CASE OIL SAMPLES
821117	005106	D45J002	POLAR CRANE RECOVERY	123	3	MM	0.489	8.28	MAIN HOIST BRAKE REPLACEMENT
821118	005106	D45J002	POLAR CRANE RECOVERY	124	3	MM	0.489	9.78	MAIN HOIST BRAKE REPLACEMENT
821119	005106	D45J002	POLAR CRANE RECOVERY	125	3	MM	0.418	8.45	MAIN HOIST BRAKE REPLACEMENT
821122	005135	D45J002	POLAR CRANE RECOVERY	126	3	MM	0.350	8.02	MAIN HOIST BRAKE REPLACEMENT
821203	005233	D45J002	POLAR CRANE RECOVERY	131	2	MM	0.279	4.45	LUBRICATE WIRE ROPE
821208	005273	D45J001	POLAR CRANE RECOVERY	133	2	MM	0.241	4.80	CLEAN BRAKE WHEELS
821210	005273	D45J001	POLAR CRANE RECOVERY	135	1	MM	0.110	2.20	CLEAN BRAKE WHEELS
830105	005477	D45J001	POLAR CRANE RECOVERY	148	3	MM	0.459	7.37	RECONNECT COUPLINGS ON POLAR CRANE
830107	005490	D45J001	POLAR CRANE RECOVERY	150	2	MM	0.282	4.77	RECONNECT COUPLINGS ON POLAR CRANE
830212	005542	D45J001	POLAR CRANE RECOVERY	153	2	MM	0.410	4.65	CLEAN BRAKE WHEELS
830114	005571	D45J001	POLAR CRANE RECOVERY	155	2	MM	0.432	5.30	RECONNECT COUPLINGS ON POLAR CRANE
830118	005599	D45J001	POLAR CRANE RECOVERY	157	2	MM	0.601	5.67	RECONNECT COUPLINGS ON POLAR CRANE
830119	005613	D45J001	POLAR CRANE RECOVERY	158	2	MM	0.608	7.35	CLEAN BRAKE WHEELS
830121	005629	D45J002	POLAR CRANE RECOVERY	160	1	MM	0.204	2.37	DECONTAMINATE MAIN HOOK
830209	005782	C20H002	POLAR CRANE RECOVERY	173	1	MM	0.105	1.87	INSTALL FESTOON CABLE FOR CCTV CAMERA
830209	005784	D45J002	POLAR CRANE RECOVERY	173	2	MM	0.775	5.97	REPLACE TROLLEY COUPLINGS
830211	005799	D45J002	POLAR CRANE RECOVERY	175	2	MM	0.569	5.77	REPLACE TROLLEY COUPLINGS
830216	005844	D45J001	POLAR CRANE RECOVERY	178	2	MM	0.311	5.68	LIMITED/FULL OPERATIONS TEST
830217	005843	D45J004	POLAR CRANE RECOVERY	179	1	MM	0.205	2.93	INSTALL 5 TON HOIST
830218	005858	D45J004	POLAR CRANE RECOVERY	180	1	MM	0.091	1.62	LOAD FRAME ASSEMBLY ON ELEV. 347'
830225	005928	D45J004	POLAR CRANE RECOVERY	184	1	MM	0.051	0.95	LOAD TEST FRAME ASSEMBLY ON ELEV. 347'
830307	005987	D45J004	POLAR CRANE RECOVERY	187	2	MM	0.376	4.68	LOAD TEST FRAME ASSEMBLY ON ELEV. 347'
830323	006116	D45J002	POLAR CRANE RECOVERY	199	1	MM	0.128	3.03	REPLACE EQUIPMENT COVERS
830330	006164	D45J002	POLAR CRANE RECOVERY	203	1	MM	0.136	3.08	LUBRICATE ELECTRIC MOTORS
830615	006733	D45J001	POLAR CRANE RECOVERY	239	1	MM	0.064	1.33	DECON INSPECTION
830906	007394	D45J001	POLAR CRANE RECOVERY	282	1	MM	0.107	2.53	PHOTOGRAPH 5 TON HOIST
830908	007412	D45J001	POLAR CRANE RECOVERY	284	1	MM	0.000	0.63	CHANGE OIL-POLAR CRANE
830913	007471	D45J001	POLAR CRANE RECOVERY	287	1	MM	0.036	1.13	CHANGE OIL-POLAR CRANE
830921	007535	D45J003	POLAR CRANE RECOVERY	291	1	MM	0.061	1.30	REPAIR 5 TON HOIST
830922	007540	D45J001	POLAR CRANE RECOVERY	292	1	MM	0.073	1.35	CHANGE OIL-POLAR CRANE
831219	008119	D45J003	POLAR CRANE RECOVERY	311	1	MM	0.074	1.70	BRIDGE MOTOR TEST

*
 . GRAND-TOTAL -
 . PERS ENTERD = 56
 . EXPOS REM = 9.3520000
 . RWP HOURS = 140.51000

TMI-2

POLAR CRANE RECOVERY

UM - UTILITIES MAINTENANCE

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FND.      1
DATE 29 JUN 84 13:15:55 FID      01      29 JUN 84 DPERGE
.      UNC: DDS - ACTIVITY REPORT - POLAR CRANE RECOVER      M 286 D
*      .RWP .EXP TRK .      .ENTRY. PERS . DEFT .EXPOS .RWP .
* DATE .NUMBER. NUMBER .      ACTIVITY .NUMBER. ENTERD. CODE . REM . HOURS.
*=====,=====,=====,=====,=====,=====,=====,=====,=====,=====
820226 003141 C30G003 POLAR CRANE RECOVER      40      1 UN      0.272      2.00      PRE-DECON DATA ACQUISITION
830211 005798 C20H002 POLAR CRANE RECOVER      175      1 UN      0.239      3.37      INSTALL CCTV EQUIPMENT ON POLAR CRANE
830615 006733 D45J001 POLAR CRANE RECOVER      237      1 UN      0.062      1.35      DECON INSPECTION
.
GRAND-TOTAL -
. PERS ENTERD =      3
. EXPOS REM = 0.5930000
. FWP HOURS = 6.6700000

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5.0 FIGURES

This section includes a drawing of the TMI-2 polar crane, showing the major components which are addressed in the computer report description column and photographs of certain areas of the polar crane where major repair and decontamination were performed.

INEL 4 0257

Figure 1. Major components of the TMI-2 polar crane.

Figure 2. TMI-2 polar crane main hoist hook during decontamination.

Figure 3. Typical TMI-2 polar crane resistor bank.

Figure 4. Close-up of buss bars.

Figure 5. Connectors - main power cables to buss bars.

Figure 6. Damaged main hoist magnetic drum brake assembly.

Figure 7. Refurbished main hoist magnetic drum brake assembly.

Figure 8. Replacement power cables on TMI-2 polar crane.

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16. ABSTRACT (200 words or less) <p>This document summarizes information concerning restoration of the Three Mile Island-Unit 2 Polar Crane to a fully operational condition following the loss of coolant accident experienced on March 28, 1979.</p> <p>The data collected from activity reports, reactor containment entry records and other sources were placed in a computerized information retrieval/manipulation system which permits extraction/manipulation of specific data which could be utilized in planning for recovery activities should a similar accident occur in a nuclear generating plant. The information is presented in both computer output form and a manually assembled summarization.</p> <p>This report contains only manpower requirements and radiation exposures actually incurred during recovery operations within the reactor containment and does not include support activities or costs.</p>									
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