



GPU Nuclear Corporation

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U. S. Nuclear Regulatory Commission
Att: Document Control Desk
Washington, DC 20555

Gentlemen:

Subject: Three Mile Island Nuclear Station, Unit No. 1 (TMI-1)
Docket No. 50-289
Operating License No. DPR-50
Long Range Planning Program (LRPP)
Semi-Annual Update of Integrated Schedule
"ABC" Project Listing

Pursuant to License DPR-50 Condition No. 2.c.9, GPU Nuclear (GPUN) Corporation hereby submits the required semi-annual update of projects listed in each category (A, B, and C) as defined by the LRPP integrated schedule. The attachments to this letter include: 1) the ABC project listing; and, 2) a summary of changes since the last submittal forwarded by GPUN Letter No. C311-91-2118, dated November 5, 1991. An abstract of the attachments follows:

1. Attachment A - A new project listing of Category A, B, and C projects annotated by an asterisk (*) to identify new projects and by a double asterisk (**) to identify changes in Budget Authorization (B/A) number assignments. Completed projects have been removed from the schedule listing. Remaining projects are ongoing or are scheduled consistent with cycle/year commitments. Any changes in schedule are reflected on Attachments A and B.

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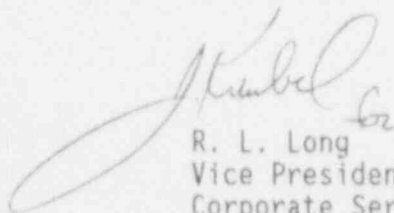
GPU Nuclear Corporation is a subsidiary of General Public Utilities Corporation

ADD 1

2. Attachment B - A summary listing of Category A and B projects which have been completed, deferred, changed in scope, or otherwise changed with explanations, as appropriate. The listing also contains Category C project completions. Changes to the Category C scope or schedule do not impact the Category A and B schedules.

The Category A project schedule for implementation of 10 CFR 20 has been extended. One (1) addition to the list of Category B projects has been made by this submittal. In addition, Attachment B describes two (2) changes to the list of Category B projects affecting schedule, and three (3) project identification changes. Pursuant to the LRPP for TMI-1, GPU Nuclear will assume that the NRC is in agreement with the above Category A and B changes, unless we are notified otherwise within 15 days of receipt.

Sincerely,



R. L. Long
Vice President and Director
Corporate Services

RLL/GMG/plp

cc: Administrator, Region 1
TMI-1 NRC Project Manager
Senior NRC Resident Inspector

ATTACHMENT A

TMI-1 PROJECT LISTING
INTEGRATED SCHEDULE
SEMI-ANNUAL UPDATE

(MAY, 1992)

TMI-1 PROJECT LISTING

LEGEND

NEW PROJECTS
 ** BA NUMBER CHANGE

NRC INTEGRATED SCHEDULE

CATEGORY 'A' PROJECTS

SORT BY CATEGORY/CYCLE/BA			STATUS AS OF 04MAY92	
OBS	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
1	126236	** REVISED 10CFR20 IMPLEMENTATION IMPLEMENT REVISION TO 10CFR20 STANDARDS FOR PROTECTION AGAINST RADIATION BY MODI FYING SOFTWARE, PROCEDURES & TRAINING	92/93	NRR

TMI-1 PROJECT LISTING

LEGEND

* NEW PROJECTS
 ** BA NUMBER CHANGE

NRC INTEGRATED SCHEDULE

CATEGORY 'B' PROJECTS

SORT BY CATEGORY/CYCLE/BA			STATUS AS OF 04MAY92	
OBS	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
2	128155	* SOLENOID VALVE/LIMIT SWITCH UPGRADE REPLACE 2 COMERCIAL GRADE SOLENOID VALVES ASSOCIATED WITH NSR VALVES PER REG GUIDE 1.89 & 10CFR 50.42	09	NRR
3	123ZYX	REACTOR BLDG TENDON SURVEILLANCE PROG PROVIDES FOR VENDOR SERVICES AND PLANT SUPPORT FOR NEXT TENDON SURVEILLANCE	10	NRR
4	123287	MAIN STEAM SYSTEM TEST - 10R PERFORM HYDROSTATIC TEST OF OTSG, MS AND FW PIPING. REQUIRED BY 10 CFR 50.55	10R	NRR
5	123289	ILRT - 10R INTEGRATED LEAK RATE TEST OF CONTAINMENT - 1993.	10R	NRR
6	123290	OTSG TUBE PLUGGING - 10R PLUG OTSG TUBES AS NECESSARY. PLAN FOR 10 NEW PLUGS(5 TUBES) PER OTSG & REPLACE 15 PLUGS IN A & 10 PLUGS IN B (ROLLED)	10R	NRR
7	126231	** OTSG EDDY CURRENT TESTING ECT OF SAMPLE INSPECTION GROUP. 30% PER OTSG TECH SPEC INSPECTION; PLUG INSPLCTIONS,POST SLEEVING	10R	NRR
8	126234	** TMI INSERVICE INSPECTION ALL ASME SECT XI INSPECTIONS; AUGMENTED ISI TO COMPLY WITH 10 CFR 50.55.	10R	NRR

TMI-1 PROJECT LISTING

NRC INTEGRATED SCHEDULE

LEGEND

* NEW PROJECTS
** BA NUMBER CHANGE

CATEGORY 'B' PROJECTS

SORT BY CATEGORY/CYCLE/BA				STATUS AS OF 04MAY92:
OR3	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
9	128155	SOLENOID VALVE/LIMIT SWITCH UPGRADE REPLACE 32 COMERCIAL GRADE LIMIT SWITCHS AND 15 SOLENOID VALVES ASSOC WITH NSR VALVES PER REG GUIDE 1.89 & 10CFR 50.49	10R	NRR
10	412611	REPLACE EIM MOTOR ACTUATORS REPLACE EIM MOTOR ACTUATORS WITH LIMIT- TORQUE MOTOR ACTUATORS FOR SIX VALVES TO PROVIDE TEST CAPABILITIES PER GL 89-10.	10R	NRR
11	123811	OTSG TUBE PLUGGING RB PLUG OTSG TUBES AS NECESSARY.	11R	NRR
12	126K11	TMI INSERVICE INSPECTION ALL ASME SECTION XI INSPECTIONS; AUGMENTED ISI TO COMPLY WITH 10CFR50.55	11R	NRR
13	128097	SQUG USERS GROUP PROGRAM SEISMIC QUALIFICATION UTILITY GROUP PARTICIPATION	88-93	NRR
14	412596	TMI-1 INDIVIDUAL PLANT EVALUATION INDUSTRY DEGRADED CORE ACTIVITIES & PLANT SPECIFIC NRC SUBMITTAL (REF LAI 89-9250)	89-93	NRR
15	128108	TF SEISMIC QUALIFICATION OF EQUIP SCOPE WALKDOWNS AND EVALUATIONS FOR SQUG PROGRAM AS REQUIRED BY NRC GL 87-02 & LAI 87-9084.	89-96	NRR

TM-1 PROJECT LELING

NRC INTEGRATED SCHEDULE

LEGEND

* NEW PROJECTS
 ** BA NUMBER CHANGE

CATEGORY 1 PROJECTS

SORT BY CATEGORY/CYCLE/BA		DESCRIPTION	CYCLE/ YEARS	STATUS AS OF 04/01/92 CLASSIFICATION
OBS	BA NUMBER			
16	125152	MOV PROGRAM DEVELOP & IMPLEMENT MOV PROGRAM TO MEET GL 89-10 REF. MEMO C311-90-3132, C311-89-2117	90-94	NRR
17	419233	** SIM - TMR MODIFICATIONS - TMI (1992) UPGRADE SIMULATOR CONSISTENT WITH CONTROL ROOM MODIFICATIONS.	92	NRR
18	412617	TMI IPE EXTERNAL EVENTS PERFORM THE IPE ANALYSIS FOR EXTERNAL EVENTS - REF: LETTER NO. C311-91-2150 & LAT 91-9238, 9239.	92-96	NRR
19	41993P	SIMULATOR MODIFICATIONS - TMI (1993) UPGRADE SIMULATOR CONSISTENT WITH CONTROL ROOM MODIFICATIONS.	93	NRR
20	41994H	SIMULATOR MODIFICATIONS - TMI (1994) UPGRADE SIMULATOR CONSISTENT WITH CONTROL ROOM MODIFICATIONS.	94-95	NRR

TMI-1 PROJECT LISTING

LEGEND

* NEW PROJECTS
** BA NUMBER CHANGE

NRC INTEGRATED SCHEDULE

CATEGORY 'C' PROJECTS

SORT BY CATEGORY/CYCLE/BA			STATUS AS OF 04MAY92	
OBS	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
21	128128	OTSG CHEMICAL CLEANING WASTE PROCESSING YARD PROCESS AND DISPOSE OF THE WASTE GENER- ATED DURING 09R CHEMICAL CLEANING	09	MRC
22	128148	* EROSION/CORROSION PROGRAM AND INSPECTION INSPECT MOISTURE SEPARATOR DRAIN PIPING DOWNSTREAM OF MO-V-1 VALVES	09	MRC
23	225011	TMI-2 PDMS ALARM MONITORING BY TMI-1 ENGINEER, PROCURE AND INSTALL THE EQUIP. NECESSARY TO MONITOR TMI-2 ALARMS BY UNIT 1	09	NRR
24	412AFP /	INTERMEDIATE BLDG VENT UPGRADE T.E. TO EVALUATE BLDG HIGH TEMP TO DETERMINE IF ADDITIONAL WORK IS NECESSARY.	09	GWC
25	412076	POISON FUEL RACKS-POOL A FHB RERACK FUEL RACKS IN POOL A TO PROVIDE EN. OF LICENSED LIFE STORAGE CAPACITY	09	NRR
26	412577	ADD'L TURB. BLDG. & INT. BLDG. PLATFORMS TB TB DESIGN, PROCURE AND INSTALL PERMANENT MAINTENANCE PLATFORMS IN THE TURBINE BLDG AND BWST TUNNEL	09	ISM
27	412620	RADWASTE STORAGE CAPABILITY MODIFY CONCRETE WALL & ADD FIRE PROTECTION SYSTEM IN THE ISWSE LEN 90-09 (1-58) (PHASE 1)	09	NRR

TMI-1 PROJECT LISTING

LEGEND

* NEW PROJECTS
** BA NUMBER CHANGE

MRC INTEGRATED SCHEDULE

CATEGORY 'C' PROJECTS

STATUS AS OF 04MAY92

SORT BY CATEGORY/CYCLE/BA		DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
OBS	BA NUMBER			
28	412625	* FOXBORO RECORDER REPLACEMENT REPLACE 11 FOXBORO RECORDERS WITH UNITS THAT ARE MORE RELIABLE AND EASIER TO MAINTAIN	09	MRC
29	412628	* REACTOR BUILDING TAP CONNECTIONS INSTALL TAPS & SHUTOFFS UPSTREA & DOWN- STREAM OF RX BLDG TO SUPPLEMENT REACTOR BUILDING COOLING	09	GWC
30	418766	TMI-1 LIGHTING ENHANCEMENT IMPROVE THE SECURITY LIGHTING AROUND THE TMI-1 MAIN PLANT AREA AND INSTALL LIGHT- ING @ THE CHEMICAL CLEANING PITS.	09	MRR
31	418771	* LOOSE PARTS/NEUTRON NOISE SYS UPGRADE UPGRADE THE EXISTING LOOSE PARTS/NEUTRON NOISE MONITORING SYSTEM WITH B&W LPM IV SYSTEM	09	REL
32	418794	PLANT PRESERVATION - BOP (CAPITAL) SCAFFOLD, SURFACE PREP, PAINTING, CLEANUP OF WALLS, PRETREATMENT BLDG.	09	MRC
33	418797	ROOFING REPAIRS 1992 REMOVE AND INSTALL NEW ROOFING ON: AUX BLDG (BOTH ROOFS), RIVER SCREEN HOUSE AND WASTE NEUTRALIZER TANK BLDG	09	MRC
34	418801	** IMPROVE PLANT PAGE SYSTEM REPLACE APPROX. 300 EXISTING HANDSETS THROUGHOUT MAIN PLANT & OUTBUILDINGS.	09	REL

T M I - 1 P R O J E C T L I S T I N G

LEGEND

* NEW PROJECTS
 ** BA NUMBER CHANGE

N R C I N T E G R A T E D S C H E D U L E

CATEGORY 'C' PROJECTS

SORT BY CATEGORY/CYCLE/BA		STATUS AS OF 04MAY92	
OBS	BA NUMBER	DESCRIPTION	CLASSIFICATION
		CYCLE/ YEARS	
35	418803	* TMI-2 LIGHTING ENHANCEMENT IMPROVE THE SECURITY LIGHTING AROUND THE TMI-2 MAIN PLANT AREA.	NRP
36	419633	UPGRADE DOMESTIC WATER SYSTEM (MM-172) SURVEY EXISTING DOMESTIC WATER SYSTEM; REPLACE/UPGRADE AS NECESSARY. MM-172 IS FOR INSIDE THE WATER TREATMENT PLANT.	FAC
37	419689	ROOF REPLACEMENTS REPLACE ROOFS ON BLDG 36, WAREHOUSE 1, WAREHOUSE 3, AND DEWEY HOUSE.	FAC
38	419700	IMPROVE NOB OUTSIDE AREA IMPROVE THE AREA OUTSIDE THE NORTH OFFICE BUILDING.	GWC
39	419710	UNIT 2 ADMIN BLDG ENGINEERING STUDY, VENTILATION AND HVAC MODIFICATIONS	FAC
40	419723	** SECURITY EQUIPMENT - TMI REPLACEMENT OF TURNSTILES, VITAL AREA DOOR, CCTV CAMERAS, PORTABLE RADIOS, HAND GUNS, LEATHER GEAR & SLIDE GATE OPERATOR	MRC
41	419724	* CONSTRUCT MAINT TRAINING LABS PROVIDE FOR MAINT TRAINING LABS IN EXISTING STRUCTURES.	FAC

TMI-1 PROJECT LISTING

NRC INTEGRATED SCHEDULE

LEGEND

* NEW PROJECTS
** BA NUMBER CHANGE

CATEGORY 'C' PROJECTS

SORT BY CATEGORY/CYCLE/BA			STATUS AS OF 04MAY92	
OBS	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
42	412AEA	ADDITIONAL MULTIPLEXERS TB AUX PROCURE AND INSTALL (2) MULTIPLEX CABINETS AND RACKS IN THE TB AND AUX BLDG OR CONTROL BLDG AND PROVIDE POWER SUPPLIES	10	IOE
43	412AGU	* RADWASTE STORAGE CAPABIL PHASE 2&3 PROCURE EQUIPMENT AND CONSTRUCT STORAGE CAPABILITIES AS REQUIRED BY NRC IEN 90-09 GL81-38. (PHASE 1)	10	NRR
44	412605	RMS EFFLUENT QUANTIFICATION ROUTE CABLES FROM CR READOUT PANELS AND AUXILIARY BUILDING TO THE PLANT PROCESS COMPUTER IN THE CR.	10	REL
45	412612	PERM DEMIN SYST IN PRLL W MISC WASTE EVA INSTALL PERMANENT 30-60 GPM DEMINERALIZE R SYSTEM IN PARALLEL WITH THE RADWASTE MISC WASTE EVAPORATOR	10	IOE
46	412615	TURBINE/INTERMEDIATE BLDG PLATFORMS PROVIDE PLATFORMS AND PERMANENT LADDERS TO FW BAY VENTS & DRAINS, MS LINE VENTS, IND COOLERS, RMA-2 ISOL VALVE, ETC	10	ISM
47	123DDD	OTHER OUTAGE RELATED ACTIVITIES ALL OUTAGE RELATED ACTIVITIES SUCH AS INSPECTIONS, REPAIRS, SURVEILLANCES, MINOR MODIFICATIONS, MOD SUPPORT, ETC.	10R	ALL
48	123294	RX REFUELING - 10R RB 68 NEW FUEL ASSEMBLIES, LOAD FOR 385 EFPO	10R	MRC

TMI-1 PROJECT LISTING

LEGEND

* NEW PROJECTS
** BA NUMBER CHANGE

NRC INTEGRATED SCHEDULE

CATEGORY 'C' PROJECTS

SORT BY CATEGORY/CYCLE/BA		STATUS AS OF 04MAY92:		
OBS	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
49	123315	REPL CRDM FLANGE GASKETS/BORON REM 10R INSPECT FOR BORON AND REPLACE UP TO 18 CRDM FLANGE GASKETS (35 REMAIN). RE- MOVE BORON DEPOSITS FROM HEAD AS REQ'D.	10R	MRC
50	123316	MAIN CONDENSER INTERIOR COATING REPAIR TB DETAILED INSPECTION AND REPAIR OF MAIN CONDENSER COATING	10R	MRC
51	123319	** RX BLDG PRESERVATION PROGRAM PRESERVATION IN THE REACTOR BUILDING	10R	MRC
52	128148	** EROSION/CORROSION PROGRAM AND INSPECTION ESTABLISH THE LONG TERM CORP PROGRAM AND COORDINATE AUGMENTED INSPECTIONS TO DE- TECT E/C AT TMI-1. (GL 89-08)	10R	MRC
53	412AEY	HEATER DRAIN PIPING REPLACEMENT TB REPLACE ERODED HD PIPING WITH COMPONENTS MORE RESISTANT TO EROSION/CORROSION. MORE RESISTENCE TO EROSION/CORROSION	10R	MRC
54	412536	* DIGITAL INST AND CONTROL MOD 10R IS TO INTRODUCE FOXBORO I/A INTO THE PLANT. REPLACE SELECTED NN I&C (MU AND SELECTED RCP & RCS). BALANCE IN 11R-13R	10R	ISM
55	412570	REPLACE GASEOUS CHLORINATION SYSTEM RIP OUT OF CHLORINE DETECTION SYSTEM FROM THE CONTROL TOWER.	10R	ISM

TMI-1 PROJECT LISTING

LEGEND

* NEW PROJECTS
** BA NUMBER CHANGE

NRC INTEGRATED SCHEDULE

CATEGORY 'C' PROJECTS

SORT BY CATEGORY/CYCLE/BA			STATUS AS OF 04MAY92	
OBS	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
56	412604	CONTROL ROD REPLACEMENT - 10R REPLACE ^{RB} 48 CONTROL RODS DURING REFUELING	10R	MRC
57	412612	PERM DEMIN SYST IN PRLL W MISC WASTE EVA TIE INS REQUIRED TO BE DONE IN AN OUTAGE --BALANCE OF WORK IN CYCLE 10. IF SITE WILL DO AS A MINI-MOD.	10R	IOE
58	412622	** OTSG TUBE SLEEVING ^{RB} SLEEVE APPROX. 125 TUBES PER OTSG IN THE LANE WEDGE REGION	10R	REL
59	412623	** FOXBORO TRANSMITTER REPLACEMENT ^{RB} REPLACE 15 FOXBORO PRESSURE & DIFF PRESS TRANSMITTERS; 3 ARE ASSO ^W WITH ES. 8 W/ OTSG LEVEL INDIC AND COI ROL & 4 W/ RPS.	10R	NRR
60	412626	** UPGRADE SOURCE RANGE NUCLEAR INSTR (NI) ^{CB} ^{RB} REMOVE BF-3 DETECTORS FROM NI-1,2; ADD ADDITIONAL FISSION CHAMBERS FOR NI-11,12 CHANNELS; ROUTE CABLE	10R	MRC
61	412627	** HSFS UPGRADES MODIFY HSFS BY ADDING SOLENOIDS, FUSES, POSITIONERS FOR FW AND MS VALVES, MOD- IFY FIRE BARRIER AND ADD COMPUTER ALARMS	10R	REL
62	412629	** MAIN & AUX F.B. ^{RB} BLE FREQ DRIVE SYS REPLACE THE EXISTING THYRISTOR DRIVE MOTOR CONTROL ON MAIN & AUX FUEL HANDLING BBIGDES W/ VARIABLE FREQUENCY SPEED SYS	10R	REL

TMI-1 PROJECT LISTING

LEGEND

* NEW PROJECTS
** BA NUMBER CHANGE

NRC INTEGRATED SCHEDULE

CATEGORY 'C' PROJECTS

SORT BY CATEGORY/CYCLE/BA			STATUS AS OF 04MAY92	
OBS	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
63	418800	* RC-P CARTRIDGE SEAL CONVERSION KIT-10R RB INSPECT/REPLACE SEALS ON 2 RCPS WITH WESTINGHOUSE CARTRIDGE SEAL CONVERSION KITS AND MODIFY 2 ARTICULATED ARM ASSEMB	10R	MRC
64	123GGG	OTHER OUTAGE RELATED ACTIVITIES ALL OUTAGE RELATED ACTIVITIES SUCH AS INSPECTIONS, REPAIRS, SURVEILLANCES, MINOR MODIFICATIONS, MOD SUPPORT, ETC.	11R	ALL
65	123J11	** RX BUILDING PRESERVATION RB PRESERVATION OF THE REACTOR BUILDING	11R	MRC
66	128A11	** STEAM EROSION INSPECTION ALL AUGMENTED INSPECTIONS TO DETECT EROSION/DEGRADATION OF TMI SYSTEMS	11R	NRR
67	412AGD	TURBINE SUPERVISORY INSTRUMENTATION INSTALL REPLACEMENT TURBINE-GENERATOR VIBRATION MONITORING & SUPERVISORY EQUIP TO IMPROVE RELIABILITY OF EXISTING SYS	11R	MRC
68	412608	OPTIONS TO REDUCE IRON TRANSPORT TO OTSG REVIEW SECONDARY SYSTEM CHEM HISTORY & INDUSTRY PRACTICES RECOMMEND CORRECTIVE ACTIONS TO MINIMIZE OTSG CRUD	11R	MRC
69	412609	DIGITAL TURBINE CONTROL SYSTEM (DTCS) UPGRADE MAIN TURBINE EHC WITH DIGITAL CONTROL SYSTEM, IMPROVE RELIABILITY OF TURBINE CONTROLS	11R	REL

T M I - 1 P R O J E C T L I S T I N G

LEGEND

NEW PROJECTS
** BA NUMBER CHANGE

N R C I N T E G R A T E D S C H E D U L E

CATEGORY 'C' PROJECTS

SORT BY CATEGORY/CYCLE/BA		STATUS AS OF 04MAY92		
OBS	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
70	128114	EPRI STEAM GENERATOR RELIABILITY PROGRAM CJ-FUNDING FOR EPRI SGRP TASK 404.	88-94	MRC
71	412536	DIGITAL INST AND CONTROL MODS DEVELOP A SYSTEM CONFIGURATION TO REPLACE THE ICS/NNI SYSTEM WITH A DIGITAL CONTROL SYSTEM	88-99	ISM
72	123262	RELIABILITY CENTERED MAINTENANCE PROG RCM EVALUATION OF PLANT SYSTEMS TO DEFINE MAINT. ACTIVITIES THAT IMPROVE RELIABILITY.	89-95	MRC
73	126220	EVALUATION OF WAREHOUSE STOCK - TMI PERF EVAL CONCERN MIX SAFETY CLASS. NO CLASS ON OLD QA TAGS & MAT'S INVENT. SCREENS. TO SUPP. COMM GRADE DED.	91-93	IGE
74	126223	TMI APPENDIX VIII QUALIFICATION TO PAY FOR UPGRADED TRAINING & TESTING PROGRAMS DEVELOPED BY CONTRACTOR FOR QUAL & CERT OF UT NDE INSPECTORS PER APP VIII	91-94	NRR
75	128151	CAVITY DOSIMETRY ANALYSIS SHIP IRRADIATED CAVITY DOSIMETRY REMOVED IN 9R AND ANALYZE	91-94	NRR
76	412591	1991 CONFIGURATION MANAGEMENT - DBR DESIGN BASIS RECONSTITUTION 1991	91/92	IGE

TMI-1 PROJECT LISTING

LEGEND

* NEW PROJECTS
 ** BA NUMBER CHANGE

NRC INTEGRATED SCHEDULE

CATEGORY 'C' PROJECTS

SORT BY CATEGORY/CYCLE/BA			STATUS AS OF 04MAY92	
OBS	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
77	122026	COMPONENT SPARE PARTS BILL OF MATERIALS TECHNICAL VERIF AND DATA ENTRY OF EXIST HAND COPY BILLS OF MATERIAL FOR INSTALLE D COMPONENTS IN ELECTRONIC DATA BASE.	92	IOE
78	126237	* OPERATOR TRAINING ANALYSIS CONDUCT ANALYSIS OF AO,CRO,SF/SS POSITIONS REFERENCE: NUREG 1122	92	NRR
79	128161	1992 TMI-1 CONFIG. MANAGMNT - SSF: PERFORM ONE (1) SAFETY SYSTEM FUNCTIONAL INSPECTION (SSF1). PREP DRAFT DESIGN BASIS DOCUMENT(IF REQUIRED).	92	ISM
80	418755	RC-P SEAL CARTRIDGE TEST EQPT. PURCHASE CARTRIDGE SEAL TESTER	92	REL
81	419232	** SIMULATOR ENHANCEMENTS - TMI (1992) UPGRADE THE PL/1-T-REFERENCED SIMULATOR IN ORDER TO IMPROVE ITS RELIABILITY AND SCOPE OF SIMULATION CAPABILITIES.	92	REL
82	128ACS	GUIDELINES FOR ABNORMAL TRANSIENT PROC DEVELOP PLANT SPEC GUIDE (PSG) FOR TMI-1 ATP PROVIDING TECH BASES FOR ATP'S TO BE USED IN TRAINING, EVAL PROC CHANGES,ETC.	92-93	IOE
83	412618	ACCIDENT MANAGEMENT GUIDELINES(AMG) USING IPE OUTPUT, DEVEL AMG FOR USE BY EMERG RESPONSE PERSONNEL TO COPE WITH CORE DAMAGE EVENTS	92-94	NRR

T M I - 1 PROJECT LISTING

N R C INTEGRATED SCHEDULE

LEGEND

* NEW PROJECTS
 ** BA NUMBER CHANGE

CATEGORY 'C' PROJECTS

SORT BY CATEGORY/CYCLE/BA		STATUS AS OF 04MAY92		
OBS	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
84	412624	** CORE MONITORING SYSTEM UPGRADE INSTALL NEW FIXED MARGIN IS SOFTWARE THAT WHEN USED WITH EXISTING NWS WILL PROVIDE ADDED OPERATING SAFETY MARGIN	92-94	ISM
85	126101	PLANT LIFE ASSURANCE/EXTENSION SUPPORT OF STUDIES BY CPUN & BWCG FOR FEASIBILITY OF EXTENDING OPERATING LIFE.	92-95	REL
86	128160	B&W OWNER'S GROUP PROGRAM - 1992/93 PARTICIPATION IN B&W OWNERS GROUP PROGRAM	92-95	NRR
87	412AEG	FUEL UT EQUIPMENT FOR REACTOR B'DG DEVELOP, DESIGN AND PROCURE UT TESTING EQUIPMENT TO INSPEC FUEL ASSYS FOR DEF- ECTIVE FUEL RODS IN THE REACTOR BUILDING	92-95	REL
88	412592	1992 CONFIGURATION MANAGEMENT - DBR DESIGN BASIS RECONSTITUTION 1992	92-95	IOC
89	128166	** COMPONENT DATA BASE EXPANSION ENHANCE THE EXISTING ENG DATA BASE WITH SUBCOMPONENTS TO MEET THE NEEDS OF PLANT MAINT & OPERATIONS ORGANIZATION.	92/93	IOE
90	122031	DEMOBILIZATION SOUTH OF THE DIKE DISPOSITION OF EQUIPMENT, MATERIAL, BUILDINGS AND FACILITIES IN TMI-2	92/94	GWC

TMI-1 PROJECT LISTING

LEGEND

* NEW PROJECTS
** BA NUMBER CHANGE

NRC INTEGRATED SCHEDULE

CATEGORY 'C' PROJECTS

S - T BY CATEGORY/CYCLE/BA		STATUS AS OF 04MAY92	
OES	BA NUMBER	DESCRIPTION	CLASSIFICATION
91	128163	DRAWING ENHANCEMENTS TMI 1. ENHANCE THE LEGIBILITY OF APPR 500 DWGS. 2. REDRAW FLOW DIAG. IN CAD FORMAT 3. REDRAW GEN ARRANG IN CAD FORMAT	MRC
92	419669	TMI ROADS UPGRADE NORTH BRIDGE PAVING, LIBERTY LANE UPGRADE, RESTRIPIING, UNIT 2 FX HATCH IMPROVEMENT	FAC
93	419707	OUTAGE FABRICATION FACILITY DESIGN AND CONSTRUCT FACILITY TO SUPPORT FAB ACTIVITIES FOR PLANT MODS AND MAINT. TO REPLACE EXIST DELAPIDATED SHOPS.	GWC
94	412AGJ	PRESSURIZER HEATER BUNDLE REPLACEMENT REPLACE LOWER PRESSURIZER HEATER BUNDLE WITH NEW BUNDLE OF A DIFFERENT DESIGN. REPLACE CABLES TO FIRST JUNCTION BOX.	MRC
95	12693A	EVAL OF TMI ALERT & NOTIFICATION SYSTEM EVALUATE SYSTEM SIRENS USING LATEST DEMOGRAPHIC & TOPOGRAPHIC INFO TO INSURE STILL MEETING FEMA REQMENTS	NRR
96	418	ROOFING REPAIRS 1994 REMOVE AND INSTALL NEW ROOFING ON: FUEL HANDLING & CONTROL BLDG, HEATER BAY ROOF AND DIESEL GEN BLDG	MRC
97	12694C	MAINTENANCE TRAINING ANALYSIS DEVELOP TASK ANALYSIS FOR I&C ELECTRICAL AND MECHANICAL INPO ACCREDITED PROG	NRR

TMI-1 PROJECT LISTING

LEGEND

* NEW PROJECTS
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NRC INTEGRATED SCHEDULE

CATEGORY 'C' PROJECTS

SORT BY CATEGORY/CYCLE/BA			STATUS AS OF 04MAY92	
OBS	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
98	412552	SQUG MODS ALL MODIFICATIONS TO COMPLY WITH SEISMIC QUALIFICATIONS. SCOPE TO BE FINALIZED AFTER US1-A-46 W/LKDOWN (REF BA 128108)	94-95	NRR
99	418750	SERVICE BUILDING ADDITION CONSTRUCT AN ADDITION TO THE NORTH SIDE OF THE SERVICE BUILDING	94/95	FAC

ABC Classifications

- a) Meet NRC Requirements (NRR) - Activities that a) must be carried out to fulfill specific NRC requirements or b) have been committed to the NRC by the Company or c) are such that if not accomplished would result in an NRC non-compliance even though the specific activity is not required by the NRC.
- b) Meet Environmental Requirements (ERR) - Activities that a) are specifically required by environmental regulatory agencies (State and Federal) or b) have been committed to environmental agencies by the Company or c) are such that if not accomplished would result in a regulatory non-compliance even though the specific activity is not required by an environmental regulatory agency.
- c) Meet Other Requirements (ORR) - Activities not covered by the NRC or environmental requirements but that are required by local, state, or federal ordinances, codes, court order or lawsuit settlement, or other guidance to which the Company is committed or if not accomplished would result in a violation of that ordinance, code or guidance, court order, etc.
- d) Increase Safety Margins (ISM) - Activities that, if implemented, will improve nuclear plant or personnel safety but are neither required for regulatory compliance nor required by safety regulations, codes or guidance.
- e) Decrease Environmental Effects (E) - Activities that, if implemented, will result in an improved environmental quality but are neither required for regulatory compliance nor required by environmental regulations, codes or guidance.
- f) Improve Radiological Conditions (RAW) - Activities that, if implemented, will result in improved radiological conditions, lower man-rem exposure rates, or radwaste control/reduction but are neither required for regulatory compliance nor required by radiological regulations, codes or guidance.
- g) Maintain Reliability/Capability (MRC) - Activities that, if implemented, will maintain power production at existing levels by preventing deterioration of plant systems or equipment. Includes activities in response to national codes and standards, insurance policies, equipment vendor specifications or nuclear industry high unavailability equipment data without which the plant could not operate prudently.
- h) Improve Reliability/Capability (REL) - Activities that, if implemented, will increase power generation by improving availability or capacity factor to maximize energy output.

ABC Classifications
(continued)

- i) Improve Operational Effectiveness (IOE) - Activities that, if implemented, will improve staff efficiency or provide a direct economic payback in terms of reduced operating/maintenance costs.
- j) Improve Personnel Facilities (FAC) - Activities that, if implemented, will improve working conditions and the usefulness of personnel facilities.
- k) Provide Contingency/Blanket (CUI) - Activities that, if implemented, will provide management flexibility to respond in a timely manner to emergent work requirements or the ongoing requirements to procure, replace or repair minor items essential to support routine operations.
- l) Improves Heat Rate Performance (HRP) - Activities, that, if implemented, will increase power production by enhancing the heat rate efficiency.

ATTACHMENT B
CHANGES TO TMI-1 NUCLEAR GENERATING STATION
INTEGRATED SCHEDULE
SEMIANNUAL UPDATE (MAY 4, 1992)

CATEGORY A PROJECTS

Additions: None

Completions: 412462 Anticipate Transient W/O Scram
 412567 Station Blackout

Deletions: None

Schedule Changes: OBS 1 - 126236 Revised 10 CFR 20 Implementation - Schedule revised to be consistent with commission extension for standards to go into effect January 1, 1994.

Other Changes: Budget Activity (BA) Number Changes

The following BA numbers have been changed. There is no change in scope or schedule associated with these changes. BAs which have had their numbers changed are indicated by a ** in Attachment A.

<u>OBS</u>	<u>Previous BA Number</u>	<u>New BA</u>
1	12692L Revised 10CFR20 Implement	126236

ATTACHMENT B (continued)
CATEGORY B PROJECTS

Additions: As denoted by * next to the project title in Attachment A.

Completions: 123275 OTSC Tube Plugging
126203 Outage 9R RV ISI
126217 OTSG Eddy Current Testing
126219 TMI Inservice Inspection (Outage 9R)
412556 TMI-1 Control Room Alarm Enhancements
412589 RCS Shutdown Level Monitoring
412602 RMG 22/23 Power Feed Upgrade
419219 Simulator Modifications - 1991

Schedule Changes: 128108 TF Seismic Qualification of Equipment
This schedule was extended to 1996 as previously described in GPUN Letter No. C311-91-2137 dated January 6, 1992.

128152 MOV Program - The schedule change in this document reflects commitments to schedule previously transmitted via letters C311-90-3132 dated June 7, 1990, and C311-89-2117 dated December 28, 1989.

412617 TMI IFE External Events - This schedule was extended to 1996 as previously described in GPUN Letter No. C311-91-2150 dated December 24, 1991.

Other Changes: Budget Activity (BA) Number Changes

The following BA numbers have been changed. There is no change in scope or schedule associated with these changes. BAs which have had their numbers changed are indicated by a ** in Attachment A.

OBS	<u>Previous BA Number</u>	<u>New BA</u>
7	12692E OTSG Eddy Current Testing	126231
8	12692H TMI Inservice Inspection	126234
17	41992K Simulator Modifications	419233

ATTACHMENT B (continued)
CATEGORY C PROJECTS

Additions: As denoted by * next to the project title in Attachment A.

Completions:

- 123FFF Other Outage Related Activities
- 123278 9R Reactor Refueling
- 123299 Rx Building Preservation
- 123309 Replace CRDM Flange Gaskets & Boron Removal
- 123312 Main Condenser Interior Coating Repair
- 126218 Steam Erosion Inspection
- 128128 OTSG Chem Cleaning System
- 225001 TMI-1 PDMS Alarm Monitoring by TMI-1 (9R part)
- 412075 Replace Control Rods
- 412512 TMI-006 Upgrade RCP Lube Oil System
- 412553 Replace Bailey Transmitters (9R)
- 412578 RCP & MS Line Hangar Platforms
- 412590 BIRO T/C Cable Replacement
- 412597 OTSG Tube Gleeving
- 412598 Upgrade Source Range Nuclear Instr
- 412603 Foxboro Transmitter Replacement (9R)
- 418705 Incore Detector Replacement
- 419665 Construct Training Labs

Deletions:

- 126104 Tech Spec Improvements
- 412AGK RBEC Leak Detection System Instruments

BA Number Changes:	<u>OBS</u>	<u>Previous BA Number</u>	<u>New BA</u>
34	418AAA Improve Plant Page Syst		418801
40	419699 Security Equipment		419723
51	123299 RB Preservation Program		123319
52	12692F Erosion Corrosion Program and Inspection		128148
58	412AFN OTSG Tube Sleaving		412622
59	412603 Foxboro Transmts Replace		412623
60	412598 Upgrade Source Range NI		412626
61	412AFC HSPS Upgrades		412627
62	412AGO Main&Aux FB Variable Freq Drives		412629
65	123299 RB Preservation		123J11
66	123J11 Steam Erosion Inspection		128A11
78	126207 Operator Training Analysis		126237
81	41992J Simulator Enhancements		419232
84	412AFF Core Monitoring System Upg		412624
89	128ACK Component Data Base Expand		128166