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November 23, 1997

6710-97-2451-1

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)  
Annual Update of Integrated Schedule  
"ABC" Project Listing

Pursuant to License DPR-50 Condition No. 2.c.9, GPU Nuclear (GPUN) Inc. hereby submits the required 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. 6710-97-2343-1, dated November 6, 1996. 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. There are currently no Category A projects on the schedule.

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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. One Category B project is being deleted from the list of approved B/As - the containment ILRT. The ILRT work scope shall be performed in accordance with the TMI Technical Specifications in a future outage to be determined in accordance with the NRC approved testing program. The Attachment B listing also contains Category C project completions. Changes to the Category C scope or schedule do not impact the Category A and B schedules.

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. If additional information is needed, please contact Mr. Gregory M. Gurican, of TMI Site Licensing at (717) 948-8753.

Sincerely,



James W. Langenbach  
Vice President and Director, TMI

JWL/GMG  
Attachments

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

**ATTACHMENT A**  
**TMI-1 PROJECT LISTING**  
**INTEGRATED SCHEDULE**  
**ANNUAL UPDATE**  
**(NOVEMBER, 1997)**

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 'B' PROJECTS

SORT BY CATEGORY/CYCLE/BA

STATUS AS OF 10/09/1997

OBS	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
1	123321	REACTOR BLDG TENDON SURVEILLANCE PROG  PROVIDE CONTRACTOR AND PLANT SUPPORT FOR SURVEILLANCE PROGRAM. REF. NUREG 135.1;TS 4.4.2.1	12	NRR
2	412552	MODIFICATIONS FOR SEISMIC QUALIFICATION ALL MODS TO COMPLY WITH SEISMIC QUAL TO RESOLVE USI-A46 AND GL 97-02.	12	NRR
3	120025	** ISI INSPECTIONS - 1  ASME SECT XI INSPECTIONS; AUGMENTED ISI TO COMPLY WITH 10CFR50.55A	13R	NRR
4	120026	** OTSG EDDY CURRENT TESTING - 13R  ECT OF SAMPLE INSPECTION GROUP. 21% PER EPRI SG INSP GUIDELINES AND TS 4.19.	13R	NRR
5	120027	** PIPE WALL THINNING MONITORING  AUGMENTED INSPECTIONS TO DETECT EROSION/CORROSION DEGRADATION OF SINGLE AND TWO PHASE SYSTEMS. REF GL 99-08	13R	NRR
6	123345	OTSG TUBE PLUGGING  INSTALL NEW PLUGS AS NECESSARY. REPLACE LAST 1/2 OF THE EXISTING I600 PLUGS-379. REF. TS 4.19	13R	NRR

LEGEND

- \* NEW PROJECTS
- \*\* BA NUMBER CHANGE

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 N R C I N T E G R A T E D S C H E D U L E  
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CATEGORY 'B' PROJECTS

SORT BY CATEGORY/CYCLE/BA

STATUS AS OF 10/09/1997

OBS	BA NUMBER	DESCRIPTION	CYCLE/YEARS	CLASSIFICATION
7	412679	REPLICA PLANT PROCESS COMPUTER REPLACEMENT	96-00	NRR
		INSTALL A NEW RPPC TO INTERFACE WITH THE SIMULATOR AND PERFORM SIMILAR FUNCTIONS AS THE PPC (RG 1.149)		
8	419292	SIMULATOR MODIFICATIONS	96-01	NRR
		UPGRADE SIMULATOR CONSISTENT WITH CONTROL ROOM MODIFICATIONS REF. 10 CFR 55.45		
9	417109	THERMO-LAG BARRIER MODIFICATIONS CB R281 R308 R346	97-99	NRR
		INSTALL MODS AS REQ'D TO BRING INSTALLED THERMO LAG 330-1 FIRE BARRIER SYSTEMS INTO COMPLIANCE W/10CFR50 APPENDIX R		

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

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LEGEND

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\* NEW PROJECTS  
\*\* BA NUMBER CHANGE

CATEGORY 'C' PROJECTS

SORT BY CATEGORY/CYCLE/BA

STATUS AS OF 10/09/1997

OBS	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
10	412664	ROOF REPLACEMENTS YARD TB VARIOUS ROOF REPLACEMENTS	12	MRC
11	412690	CABLE DRIVE SYSTEM FOR FUEL TRANSFER  INSTALL ONE FUEL TRANSFER CARRIAGE CABLE DRIVE SYSTEM	12	MRC
12	123MMM	OTHER OUTAGE RELATED ACTIVITIES ALL OUTAGE RELATED ACTIVITIES SUCH AS INSPECTIONS, REPAIRS, SURVEILLANCES MINOR MODIFICATIONS, MOD SUPPORT, ETC.	13R	ALL
13	123335	REPLACE MAIN STEAM LINE INSULATION  REPLACE DEGRADING INSULATION ON MAIN STEAM LINE	13R	MRC
14	123346	REACTOR REFUELING  LOAD FUEL ASSEMBLIES FOR 650 EFPD	13R	MRC
15	412677	* COMPLETE RERACKING SPENT FUEL POOL A FHB FABRICATE, DELIVER, INSTALL 6 RACKS & LICENSE SUBMITTAL, REFURB GPU EQUIP& ENHANCE LIFT CAPABILITES @ NORTH END	14	NRR
16	128114	EPRI STEAM GENERATOR RELIABILITY PROGRAM  CO-FUNDING FOR EPRI SGRP TASK 404.	88-98	MRC

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 10/09/1997
OBS	BA NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
17	126109	BWOG GLRA PROGRAM  PARTICIPATE IN AND PROVIDE SUPPORT FOR THE BWOG GENERIC LICENSE RENEWAL APPLICATION (GLRA) PROGRAM	93-97	MRC
18	128175	ASSMNT & UPGRD OF UNDRGRND TANKS/PIPING  1-ASSESS APPLIC TANK/PIPE SYS. 2-INITIATE TEST & MONITORING. 3-UPGRADE AS REQD. (REF 40 CFR 112)	93-97	ERR
19	128177	THERMO-LAG FIRE BARRIER EVALUATIONS  SUPPORT EVALUATIONS OF THERMO-LAG 330-1 FIRE BARRIER SYSTEMS TO ACHIEVE COMPLIANCE W/ 10CFR50 APP R AT TMI-1	93-97	NRR
20	412619	CPU/IPU UPGRADE FOR PLANT PROCESS COMPUTER CR OSF UPGRADE PLANT PROCESS COMPUTERS CPU AND IPU BOARDS (18) WITH A SINGLE BOARD.	93-99	IOE
21	128228	B&W OWNERS GROUP 1996(PARTIAL), 1997, 1998  PARTICIPATION IN THE B&W OWNERS GROUP PROGRAM	96-02	REL
22	128215	TMI 12R REACTOR CAVITY DOSIMETRY ANALYSIS  REPLACE THE CAVITY DOSIMETRY DURING 12R. TRANSPORT, ANALYZE AND REPORT RESULTS	96-98	NRR

## 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 (RAD) - 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.
- m) General Working Conditions (GWC) - Activities, tools, and equipment that if implemented will improve working conditions, but will not demonstrate a direct economic payback

**ATTACHMENT B  
CHANGES TO TMI-1 NUCLEAR GENERATING STATION  
INTEGRATED SCHEDULE  
ANNUAL UPDATE (NOVEMBER 1997)**

**CATEGORY A PROJECTS**

Additions:	None
Completions:	None
Deletions:	None
Schedule Changes:	None

## ATTACHMENT B (Continued)

### CATEGORY B PROJECTS

**Additions:** As noted by \* next to project title in Attachment A.

**Completions:**

- 120023 - Generic Letter 96-06 – Scope completed in 12R Outage.
- 123345 - OTSG Tube Plugging – Scope completed in 12R Outage.
- 123348 – CRDM Flange Gaskets/Thermal Barriers – Last 30 completed in 12R Outage
- 128210 – Pipe Wall Thinning Insp. – Scope completed in 12R Outage.
- 128211 – ISI Inspections - Scope completed in 12R Outage.
- 128212 – OTSG Eddy Current Testing - Scope completed in 12R Outage.
- 128108 – TF Seismic Qualification Of Equipment- Scope complete.
- 128097 – SQUG Users Group Program – Scope for this project is complete. Any future work to be through EPRI Program participation.

**Deletions:** 123334 – ILRT – The reactor building will be periodically tested pursuant to the testing program defined in Technical Specification 6.8.5 and License Amendment 201, dated May 27, 1997.

**Schedule Changes:** None

**B/A Number Changes:** As noted by \*\* next to project title in Attachment A

## ATTACHMENT B (Continued)

### CATEGORY C PROJECTS

**Additions:**

As denoted by \* next to project title.

**Completions:**

412690 – Cable Drive System for Fuel Transfer – Scope completed for one side in 12R Outage.

418821 – Plant Preservation BOP – Scope to be continued this work complete for cycle 11.

418822 – Control Tower Renovations – Scope complete during Cycle 11.

123LLL – Other Outage Related Activities – Various work PMs, CMs, Surveillances and project work performed during the 12R Outage.

123346 – Reactor Refueling – Scope completed during 12R Outage.

123349 – Reactor Building Preservation – Scope completed for 12R.

412691 – Main Generator Stator Rewind – Scope completed during 12R Outage.

418813 – Incore Detector Replacement – Scope completed during 12R Outage

418829 – RC-P Seal Investigation – Scope completed for 12R Outage.

410012 – MOV Test Equipment – Scope completed prior to 12R Outage

412592 – TMI Configuration Management – Scope completed for period ending in 1996

126171 – Plant Life Assurance/Extension – Scope completed for project there are items working which are funded functionally

**ATTACHMENT B (Continued)**

**CATEGORY C PROJECTS**

**Completions (Cont'd )**

126223 - TMI Appendix VIII Qualification Scope under this B/A is completed, balance of work to be accomplished via functional budgeting

128163 - Drawing Enhancements, Scope completed

419260 - TMI Simulator Computer Hardware Replacement, scope completed

**Deletions:**

412675 - TMI Power Uodate Project cancelled after management review.