

December 21, 2000
5928-00-20364

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

Dear Sir or Madam:

**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, AmerGen Energy, LLC (AmerGen) 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 GPU Nuclear, Inc. Letter No.1920-99-20622, dated December 3, 1999. 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. Five (5) new Category B projects are noted.

A001

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 Attachment B listing also contains Category C project completions. Please note that changes to the Category C scope or schedule do not impact the Category A and B schedules.

Pursuant to the LRPP for TMI-1, AmerGen 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. V. Lewis Killpack, Jr., of TMI Licensing at (717) 948-8196.

Sincerely,



G. H. Gellrich
Plant Manager

GHG/vlk
Attachments
File No. 00130

cc: Administrator Region I
TMI Senior Resident Inspector
TMI-1 Project Manager
Chairman, Board of Supervisors, Londonderry Township, Dauphin County, Pennsylvania
Board of County Commissioners, Dauphin County, Pennsylvania
Pennsylvania Department of Environmental Resources, Bureau of Radiation Protection

ATTACHMENT A

**TMI-1 PROJECT LISTING
INTEGRATED SCHEDULE
ANNUAL UPDATE**

(DECEMBER, 2000)

TMI-1 PROJECT LISTING

NRC INTEGRATED SCHEDULE

CATEGORY "A" PROJECTS
STATUS AS OF 11/3/00

| <u>OBS</u> | <u>B/A NUMBER</u> | <u>DESCRIPTION</u> | <u>CYCLE/YEARS</u> | <u>CLASSIFICATION</u> |
|------------|-------------------|--------------------|--------------------|-----------------------|
| | | NONE | | |

Legend:

* New Projects

** B/A Number Change

TMI-1 PROJECT LISTING

NRC INTEGRATED SCHEDULE

CATEGORY "B" PROJECTS
STATUS AS OF 11/3/00

| <u>OBS</u> | <u>B/A NUMBER</u> | <u>DESCRIPTION</u> | <u>CYCLE/ YEARS</u> | <u>CLASSIFICATI</u> |
|------------|-------------------|--|-------------------------|---------------------|
| 2 | 120026 | <u>OTSG EDDY CURRENT TESTING</u> DRNGA DRNGB OSF ECT 100% OF TUBES WITH BOBBIN COIL WITH ADDITIONAL MRPC INSPECTIONS. SCOPE ALSO INCLUDES TUBE REPAIRS | 14R | NRR |
| 3 | 120027 | <u>PIPE WALL THINNING MONITORING</u> AUX TURB RB AUGMENTED INSPECTIONS TO DETECT EROSION/CORROSION DEGRADATION OF SINGLE AND TWO PHASE SYSTEMS. REF. GL 89-08 | 14R | NRR |
| 4 | 120046 | <u>ISI INSPECTIONS</u> AB CWPH IB RB PERFORM ASME SECTION XI AND AUGMENTED INSPECTIONS | 14R | NRR |
| 5 | 120054 | <u>REACTOR VESSEL ISI</u> RB PERFORM 10 YEAR REACTOR VESSEL ISI USING REMOTE ROBOTICS AND PERFORMING VISUAL INSPECTION | 14R | NRR |
| 6 | 123321 | <u>REACTOR BUILDING TENDON SURVEILLANCE PROGRAM</u> YARD PROVIDE CONTRACTOR AND PLANT SUPPORT FOR SURVEILLANCE PROGRAM. REF NUREG 135.1; TS 4.4.2.1 | 15 | NRR |
| 7 | 120026 | <u>OTSG EDDY CURRENT TESTING</u> DRNGA DRNGB OSF ECT 100% OF TUBES WITH BOBBIN COIL WITH ADDITIONAL MRPC INSPECTIONS. SCOPE ALSO INCLUDES TUBE REPAIRS | 15R | NRR |
| 8 | 120027 | <u>PIPE WALL THINNING MONITORING</u> AUX TURB RB AUGMENTED INSPECTIONS TO DETECT EROSION/CORROSION DEGRADATION OF SINGLE AND TWO PHASE SYSTEMS. REF. GL 89-08 | 14R | NRR |
| 9 | 120046 | <u>ISI INSPECTIONS</u> AB CWPH IB RB PERFORM ASME SECTION XI AND AUGMENTED INSPECTIONS | 14R | NRR |

Legend:

* New Projects

** B/A Number Change

TMI-1 PROJECT LISTING

NRC INTEGRATED SCHEDULE

CATEGORY "B" PROJECTS
STATUS AS OF 11/3/00

| <u>OBS</u> | <u>B/A NUMBER</u> | <u>DESCRIPTION</u> | <u>CYCLE/ YEARS</u> | <u>CLASSIFICATI</u> |
|------------|-------------------|--|-------------------------|---------------------|
| 10 | 120026 | <u>OTSG EDDY CURRENT TESTING</u> DRNGA DRNGB OSF ECT 100% OF TUBES WITH BOBBIN COIL WITH ADDITIONAL MRPC INSPECTIONS. SCOPE ALSO INCLUDES TUBE REPAIRS | 16R | NRR |
| 11 | 120027 | <u>PIPE WALL THINNING MONITORING</u> AUX TURB RB AUGMENTED INSPECTIONS TO DETECT EROSION/CORROSION DEGRADATION OF SINGLE AND TWO PHASE SYSTEMS. REF. GL 89-08 | 16R | NRR |
| 12 | 120046 | <u>ISI INSPECTIONS</u> AB CWPB IB RB PERFORM ASME SECTION XI AND AUGMENTED INSPECTIONS | 16R | NRR |
| 13 | 123321 | <u>REACTOR BUILDING TENDON SURVEILLANCE</u> YARD PROVIDE CONTRACTOR AND PLANT SUPPORT FOR SURVEILLANCE PROGRAM. REF NUREG 135.1; TS 4.4.2.1 | 16R | NRR |
| 14 | 412679 | <u>REPLICA PLANT PROCESS COMPUTER REPLACEMENT</u> SIM INSTALL A NEW RPPC TO INTERFACE WITH THE SIMULATOR AND PERFORM SIMILAR FUNCTIONS AS PLANT PROCESS COMPUTER (RG 1.149) | 96-01 | NRR |
| 15 | 410042 | <u>SIMULATOR MODS</u> SIM TO MAKE MODIFICATIONS TO ENSURE RELIABLE OPERATION AND ENSURE FIDELITY WITH THE CR | 98-01 | NRR |

Legend:

* New Projects

** B/A Number Change

TMI-1 PROJECT LISTING

NRC INTEGRATED SCHEDULE

CATEGORY "C" PROJECTS
STATUS AS OF 11/3/00

| <u>OBS</u> | <u>B/A NUMBER</u> | <u>DESCRIPTION</u> | <u>CYCLE/ YEARS</u> | <u>CLASSIFICATI</u> |
|------------|-------------------|---|-------------------------|---------------------|
| 16 | | DELETED | | |
| 17 | 123MM | OTHER OUTAGE RELATED ACTIVITIES ALL OUTAGE RELATED ACTIVITIES SUCH AS INSPECTIONS, REPAIRS, SURVEILLANCES, MINOR MODIFICATIONS, MOD SUPPORT, ETC. | 14R | All codes apply |
| 18 | 412677 | COMPLETE RERACKING SPENT FUEL POOL A FHB FABRICATE, DELIVER, INSTALL 6 RACKS & LICENSE SUBMITTAL, REFURB EQUIP & ENHANCE LIFT CAPABILITIES @ NORTH END | 14 | NRR |
| 19 | 120056 | RB PRESERVATION RB PRESERVATION OF VARIOUS AREAS, PIPING, AND SUPPORTS IN THE REACTOR BUILDING | 14R | MRC |
| 20 | 123346 | REACTOR REFUELING RB LOAD FUEL ASSEMBLIES FOR 650EFPD | 14R | MRC |
| 21 | 410039 | REFURBISH NATURAL DRAFT COOLING TOWERS NDCT PERFORM MAJOR REPLACEMENT OF MATERIAL ON THE NDCTS TO MITIGATE DEGRADATION & MAINTAIN MATERIAL CONDITION | 14R | MRC |
| 22 | 120056 | RB PRESERVATION RB PRESERVATION OF VARIOUS AREAS, PIPING, AND SUPPORTS IN THE REACTOR BUILDING | 15R | MRC |
| 23 | 123346 | REACTOR REFUELING RB LOAD FUEL ASSEMBLIES FOR 650EFPD | 15R | MRC |

TMI-1 PROJECT LISTING

Legend:

* New Projects

** B/A Number Change

NRC INTEGRATED SCHEDULE

CATEGORY "C" PROJECTS
STATUS AS OF 11/3/00

| <u>OBS</u> | <u>B/A NUMBER</u> | <u>DESCRIPTION</u> | <u>CYCLE/ YEARS</u> | <u>CLASSIFICATI</u> |
|------------|-------------------|---|-------------------------|---------------------|
| 24 | 410039 | REFURBISH NATURAL DRAFT COOLING TOWERS NDCT PERFORM MAJOR REPLACEMENT OF MATERIAL ON THE NDCTS TO MITIGATE DEGRADATION & MAINTAIN MATERIAL CONDITION | 15R | MRC |
| 25 | 120056 | RB PRESERVATION RB PRESERVATION OF VARIOUS AREAS, PIPING, AND SUPPORTS IN THE REACTOR BUILDING | 16R | MRC |
| 26 | 123346 | REACTOR REFUELING RB LOAD FUEL ASSEMBLIES FOR 650EFPD | 16R | MRC |
| 27 | 115900 | EPRI STEAM GENERATOR RELIABILITY PROJECT CO-FUNDING FOR EPRI SGMP | 88-00 | MRC |
| 28 | 412619 | PLANT PROCESS COMPUTER UPGRADE CR OSF UPGRADE PLANT PROCESS COMPUTERS CPU AND IPU BOARDS (18) WITH A SINGLE BOARD | 93-01 | IOE |
| 29 | 115900 ** | B&W OWNER'S GROUP PARTICIPATION IN THE B&W OWNER'S GROUP PROGRAM | 96-05 | REL |
| 30 | 120043 | AOV PROGRAM DEVELOP A DATABASE FOR AOV INFORMATION TO ASSIST IN VALVE TESTING | 98-00 | MRC |
| | | | | |

Legend:

* New Projects

** B/A Number Change

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 law suit 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 or standards, insurance policies, equipment vendor specifications or nuclear industry high unavailability equipment data without which the plant could not operate prudently.

Legend:

* New Projects

** B/A Number Change

- h) Improve Reliability/Capability (REL) - Activities that, if implemented, will increase power generation by improving availability or capacity factor to maximize energy output.
- 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.

Legend:

* New Projects

** B/A Number Change

ATTACHMENT B

TMI-1 PROJECT LISTING
INTEGRATED SCHEDULE
ANNUAL UPDATE

(December, 2000)

Legend:

* New Projects

** B/A Number Change

ATTACHMENT B

CHANGES TO TMI-1 NUCLEAR GENERATING STATION
INTEGRATED SCHEDULE
ANNUAL UPDATE (December, 2000)

Category 'A' Projects

Additions: **None**

Completions: **417109 Thermo-Lag Barrier Modifications - Scope completed during Cycle 13.**

Deletions: **None**

Legend:

* New Projects

** B/A Number Change

ATTACHMENT B (Continued)

Category 'B' Projects

Additions: None

Completions: 120038 Year 2000 Compliance Specific O&M Support - Scope completed during early 2000

Deletions: None

Legend:

* New Projects

** B/A Number Change

ATTACHMENT B (Continued)

Category 'C' Projects

Additions: None

Completions: None

Deletions/Changes: 128228 B&W Owners Group - B/A change to 115900 and scope and funding in the Site VP Budget

Legend:

* New Projects

** B/A Number Change