

AmerGen Energy Company, LLC
Three Mile Island Unit 1
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Telephone 717-944-7621

February 15, 2003
5928-03-20023

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

**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 Company, 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 AmerGen Letter No. 5928-01-20342, dated December 13, 2001. 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.

ADD1

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 Adam Miller, of TMI-1 Regulatory Assurance at (717) 948-8128.

Sincerely,



G. H. Gellrich
Plant Manager

GHG/awm
Attachments
File No. 01083

cc: Administrator Region I
TMI-1 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

(February, 2003)

TMI-1 PROJECT LISTING

NRC INTEGRATED SCHEDULE

CATEGORY "A" PROJECTS

STATUS AS OF 1/31/03

OBS	B/A NUMBER	DESCRIPTION	CYCLE/YEARS	CLASSIFICATION
1	Technical Specification 3.8.11	When handling irradiated fuel in the Reactor Building, a shiftly check and a daily verification (once per 24 hours) shall be performed to confirm that the Fuel Transfer Canal water level is >23 feet above the reactor vessel flange.	On-Going commitment (License Amendment #236, dated 10/2/01)	NRR
2	Technical Specification 2.1	A minimum Reactor Coolant System (RCS) flow rate of 105.5% of design flow (105.5% of 352,000 gpm) is specified to offset potential mixed core DNBR penalty for TMI Unit-1 Cycle 14 and any subsequent cycle. This commitment expires when a mixed core penalty is no longer required or NRC-approved statistical core design methods are utilized which provide an alternative means of addressing transition core effects.	On-Going commitment (License Amendment #238, dated 10/23/01)	NRR

Legend:

- *New Projects
- ** B/A Number Change

TMI-1 PROJECT LISTING

NRC INTEGRATED SCHEDULE

CATEGORY "B" PROJECTS

Status as of 1/31/03

OBS	B/A NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
**4	TR Fuel	OTSG EDDY CURRENT TESTING ECT 100% OF TUBES WITH BOBBIN COIL WITH ADDITIONAL MRPC INSPECTIONS. SCOPE ALSO INCLUDES TUBE REPAIRS	15R 2003	NRR
**5	TR Fuel	BASELINE OUTAGE PERFORM OUTAGE ACTIVITIES INCLUDING PM, CM, REFUELING, TURBINE INSPECTION & OVERHAUL, ISI AND FAC ACTIVITIES AND OUTAGE PREPARATION AND SUPPORT	15R 2003	NRR
**6	TR Fuel	OTSG EDDY CURRENT TESTING ECT 100% OF TUBES WITH BOBBIN COIL WITH ADDITIONAL MRPC INSPECTIONS. SCOPE ALSO INCLUDES TUBE REPAIRS	16R 2005	NRR
**7	N/A	BASELINE OUTAGE PERFORM OUTAGE ACTIVITIES INCLUDING PM, CM, REFUELING, TURBINE INSPECTION & OVERHAUL, ISI AND FAC ACTIVITIES AND OUTAGE PREPARATION AND SUPPORT.	16R 2005	NRR
**8	T20228	REACTOR BUILDING TENDON SURVEILLANCE PROVIDE CONTRACTOR AND PLANT SUPPORT FOR SURVEILLANCE PROGRAM. REF NUREG 135.1; TS 4.4.2.1	16R 2005	NRR
**9	TR Fuel	OTSG EDDY CURRENT TESTING ECT 100% OF TUBES WITH BOBBIN COIL WITH ADDITIONAL MRPC INSPECTIONS. SCOPE ALSO INCLUDES TUBE REPAIRS	17R 2007	NRR
**10	TR Fuel	BASELINE OUTAGE PERFORM OUTAGE ACTIVITIES INCLUDING PM, CM, REFUELING, TURBINE INSPECTION & OVERHAUL, ISI AND FAC ACTIVITIES AND OUTAGE PREPARATION AND SUPPORT.	17R 2007	NRR

Legend:

- *New Projects
- ** B/A Number Change

TMI-1 PROJECT LISTING
NRC INTEGRATED SCHEDULE
CATEGORY "B" PROJECTS

Status as of 1/31/03

OBS	B/A NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
11	T20111	<p style="text-align: center;">TMI PRA UPDATE</p> <p style="text-align: center;">PERFORM PERIODIC UPDATE OF TMI PRA.</p>	2002- 2003	NRR
12	T20112	<p style="text-align: center;">DEVELOP FIRE PRA</p> <p style="text-align: center;">DEVELOP FIRE PRA FOR TMI.</p>	2005	NRR

Legend:

- *New Projects
- ** B/A Number Change

TMI-1 PROJECT LISTING
NRC INTEGRATED SCHEDULE
CATEGORY "C" PROJECTS

Status as of 1/31/03

OBS	B/A NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
13	C12677	COMPLETE RERACKING SPENT FUEL POOL A FABRICATE, DELIVER, INSTALL 6 RACKS & LICENSE SUBMITTAL, REFURB EQUIP & ENHANCE LIFT CAPABILITIES @ NORTH END	2003	NRR
14	T10128	BREAKER OVERHAULS ESTABLISH A SHOP AREA AND INSTALL NECESSARY EQUIPMENT TO OVERHAUL AND REFURBISH BREAKERS.	2002- 2004	MRC
**15	T10141	SIMULATOR SOFTWARE UPGRADES UPGRADE THE TMI SIMULATOR SOFTWARE TO LATEST VERSION OF OPEN SIM AND OPEN SIM IS AT THE SAME TIME UPGRADEING THERMAL HYDRAULICS SOFTWARE TO THOR	2004- 2005	MRC
16	T10154	PURCHASE AND INSTALL AUX BOILERS PURCHASE AND INSTALL NEW AUX BOILERS TO UPGRADE MATERIAL CONDITION OF AUX BOILERS AND TO IMPROVE RELIABILITY.	16R 2005	MRC
**17	T10181	REFURBISH NATURAL DRAFT COOLING TOWERS PERFORM MAJOR REPLACEMENT OF MATERIAL ON THE NDCTS TO MITIGATE DEGRADATION & MAINTAIN MATERIAL CONDITION	16R 2005	MRC
18	T10131	PURCHASE NEW REACTOR HEAD PURCHASE AND INSTALL NEW REACTOR VESSEL HEAD.	15R 2003	MRC
19	T10132	MOISTURE SEPERATOR INTERNALS REPLACE MOISTURE SEPERATOR INTERNALS TO INCREASE EFFICIENCY, AND INCREASE UNIT POWER OUTPUT.	16R	IOE

Legend:

- *New Projects
- ** B/A Number Change

TMI-1 PROJECT LISTING
NRC INTEGRATED SCHEDULE
CATEGORY "C" PROJECTS

Status as of 1/31/03

OBS	B/A NUMBER	DESCRIPTION	CYCLE/ YEARS	CLASSIFICATION
20	T20112	BREAKER OVERHAULS ESTABLISH AND IMPLEMENT BREAKER OVERHAUL PROGRAM AT TMI	2002- 2005	MRC
**21	T10181	REFURBISH NATURAL DRAFT COOLING TOWERS PERFORM MAJOR REPLACEMENT OF MATERIAL ON THE NDCTS TO MITIGATE DEGRADATION & MAINTAIN MATERIAL CONDITION	17R 2007	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 regulation 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.
- 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.

ABC Classifications

(continued)

- 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

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

(February, 2003)

ATTACHMENT B

CHANGES TO TMI-1 NUCLEAR GENERATING STATION INTEGRATED SCHEDULE ANNUAL UPDATE (February, 2003)

Category 'A' Projects

Additions: None

Completions: None

Deletions: None

ATTACHMENT B (Continued)

Category 'B' Projects

Additions: None

Completions: 123321 Provide Contractor and Plant Support for Reactor Building Tendon Surveillance Program

Deletions: None

ATTACHMENT B (Continued)

Category 'C' Projects

Additions: None

Completions: None

Deletions: None