



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

March 10, 2000

LICENSEE: AmerGen Energy Company, LLC

FACILITY: Three Mile Island Nuclear Station, Unit 1 (TMI-1)

SUBJECT: SUMMARY OF FEBRUARY 23, 2000, MEETING WITH AMERGEN ENERGY COMPANY, LLC, REGARDING STATUS OF LICENSING ISSUES AT TMI-1

On February 23, 2000, a public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and AmerGen Energy Company, LLC (AmerGen or the licensee), at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to discuss the quarterly status and completion schedule of active, and soon to be submitted, TMI-1 licensing issues. Enclosure 1 is a list of attendees. Enclosure 2 is a copy of the licensee's handout used at the meeting.

Major changes since the previous meeting in October 1999:

Completed NRC staff actions:

The staff issued its conforming license amendment related to the TMI-1 sale and license transfer to AmerGen on December 20, 1999. This TAC (task assignment control) Number MA7294 is complete. The licensee then withdrew a related transfer Order extension request which had been tracked under TAC Number MA7237, and is also considered complete.

The licensee withdrew Technical Specification Change Request (TSCR) No. 272 which proposed an increase allowable reactor coolant system activity level. The staff closed related TAC MA3951 upon issuing a Notice of Withdrawal on February 7, 2000.

The staff issued: its closeout letter for the licensee's response to Generic Letter (GL) 98-01, related to the year 2000 readiness of computer systems on November 3, 1999, and closed related TAC MA1899; its closeout letter for the licensee's response to GL 97-01, related to degradation of control rod drive mechanical nozzles on November 12, 1999, and closed related TAC M98605; its closeout letter for the licensee's response to GL 98-04, related to potential for degradation of emergency core cooling systems after a loss-of-cooling accident on December 3, 1999, and closed related TAC MA4110; and its closeout letter for the licensee's response to GL 99-02, related to laboratory testing of nuclear-grade activated charcoal on February 11, 2000, and closed related TAC MA5855. The staff also closed out GL 92-08 related to Thermo-Lag, on December 27, 1999, based on the licensee's commitment to complete all Thermo-Lag corrections by June 30, 2000. The licensee has since notified the NRC staff verbally that all Thermo-Lag corrective actions have been completed.

The staff completed: its review of TSCR No. 265, to revise decay heat removal TS requirements on February 28, 2000, and closed related TAC MA5699; its review of TSCR No. 282, to revise plant organizational titles on January 7, 2000, and closed related TAC MA5758; and its review of TSCR No. 285, to clarify authority to possess radioactive material

USE FILE FOLDER COPY

DF01

March 10, 2000

and components at both TMI-1 and TMI-2 on December 9, 1999, and closed related TAC MA5971.

Other major changes:

The licensee identified several TSCRs which it has not yet submitted and reviewed its submittal schedules and the date the submittal reviews would need to be completed.

The licensee indicated that it would submit a request for indirect transfer of the operating license to the extent required to reflect the upcoming merger of PECO and Unicom. This application was dated February 28, 2000, and has been received.

/RA/

Timothy G. Colburn, Sr. Project Manager, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-289

- Enclosures: 1. List of attendees
- 2. GPUN Handout - GPUN/NRC licensing activities list

cc w/encls: See next page

DISTRIBUTION:

E-MAIL (w/encl. 1)

J. Zwolinski/S. Black	M. Gamberoni	T. Colburn	J. Rogge, RI
E. Adensam	M. O'Brien	M. Tschiltz	

HARD COPY (w/all encls.)

File Center	PDI-1 R/F	OGC
PUBLIC	T. Colburn	ACRS

DOCUMENT NAME: G:\PDI-1\TMI-1\Mts022300.wpd

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	PDI-1/PM <i>TGC</i>	PDI-2/LA <i>MBTS</i>	PDI-1/RA <i>[Signature]</i>	
NAME	TColburn:lcc	M'OBrien	MGamberoni	
DATE	03/10/00	03/10/00	03/10/00	03/ /00

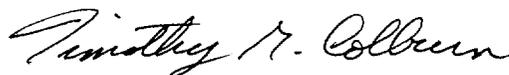
OFFICIAL RECORD COPY

and components at both TMI-1 and TMI-2 on December 9, 1999, and closed related TAC MA5971.

Other major changes:

The licensee identified several TSCRs which it has not yet submitted and reviewed its submittal schedules and the date the submittal reviews would need to be completed.

The licensee indicated that it would submit a request for indirect transfer of the operating license to the extent required to reflect the upcoming merger of PECO and Unicom. This application was dated February 28, 2000, and has been received.



Timothy G. Colburn, Sr. Project Manager, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-289

Enclosures: 1. List of attendees
2. GPUN Handout - GPUN/NRC
licensing activities list

cc w/encls: See next page

Three Mile Island Nuclear Station, Unit No. 1

cc:

Robert Fraile
Plant Manager
AmerGen Energy Company, LLC
P. O. Box 480
Middletown, PA 17057

Michael Ross, Director,
Work Management, TMI-1
AmerGen Energy Company, LLC
P.O. Box 480
Middletown, PA 17057

James A. Hutton
Director - Licensing
PECO Energy Company
955 Chesterbrook Blvd., 62A-1
Wayne, PA 19087-5691

Edwin C. Fuhrer
Manager, TMI-1 Regulatory Affairs
AmerGen Energy Company, LLC
P.O. Box 480
Middletown, PA 17057

Edward J. Cullen, Jr., Esquire
PECO Energy Company
2301 Market Street
S23-1
Philadelphia, PA 19103

Chairman
Board of County Commissioners
of Dauphin County
Dauphin County Courthouse
Harrisburg, PA 17120

Chairman
Board of Supervisors
of Londonderry Township
R.D. #1, Geyers Church Road
Middletown, PA 17057

Wayne L. Schmidt
Senior Resident Inspector (TMI-1)
U.S. Nuclear Regulatory Commission
P.O. Box 219
Middletown, PA 17057

Regional Administrator
Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Robert B. Borsum
B&W Nuclear Technologies
Suite 525
1700 Rockville Pike
Rockville, MD 20852

David J. Allard, Director
Bureau of Radiation Protection
Pennsylvania Department of
Environmental Resources
P.O. Box 2063
Harrisburg, PA 17120

Dr. Judith Johnsrud
National Energy Committee
Sierra Club
433 Orlando Avenue
State College, PA 16803

John F. Rogge, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Mr. John B. Cotton
Vice President - TMI Unit 1
AmerGen Energy Company
P.O. Box 480
Middletown, PA 17057

FEBRUARY 23, 2000

MEETING WITH AMERGEN ENERGY COMPANY, LLC

LICENSING ISSUES STATUS

LIST OF ATTENDEES

<u>Name</u>	<u>Affiliation</u>
T. Colburn	NRC/NRR/DLPM/PD1, Section 1
R. Knight	TMI-1/AmerGen/Licensing (site)
E. Fuhrer	TMI-1/AmerGen/Licensing (site)
G. Rombold	PECO Nuclear Licensing

Enclosure 1

**AMERGEN/TMI UNIT 1 LICENSING ACTIVITIES
INVOLVING CORRESPONDENCE SUBMITTALS
TO THE NRC**

Generic Multi-Plant Actions

Plant Specific Actions

License Change Applications

NOTE: Schedules and Dates are provided for discussion purposes only and do not necessarily represent commitments.

RESPONSIBLE REGULATORY ENGINEER KEY

Chesterbrook (610) 640-XXXX

TMI (717) 948-XXXX

DJD = Dave Distel (6672)

GMG = Greg Gurican (8973)

WGH = Bill Heysek (8191)

VLK = Lew Killpack (8196)

MRK = Bob Knight (8554)

AWM = Adam Miller (8128)

ACRONYM KEY

AMGN = AmerGen Energy Company, LLC

GPUN = GPU Nuclear, Inc.

LAI = Licensing Action Item

LAR = Licensing Action Request

LCA = License Change Application

LRP = Long Range Plan

TAC = Technical Assignment Control Number

TBD = To Be Determined

MPA = Multi-Plant Activity Number (SIMS No.)

SIMS = Safety Issue Management System Number

TSCR = Technical Specification Change Request

Licensing Activity List Priority

Priority: A - Safety Implication or May Limit Plant Operation

B - Desirable to Resolve Regulatory Issue or AmerGen High Priority:

B1 - Top 1/3 priority

B2 - Second 1/3 priority

B3 - Last 1/3 priority

C - Administrative Closeout of Issue

Integrated Schedule Category (For Information - Not applicable to this list of activities)

Category: A - Regulatory MANDATED

B - Regulatory COMMITMENTS

C - Other Major PROJECTS

TMI UNIT 1 LICENSING ACTIVITIES - OPEN ITEMS LIST

CATEGORY	DESCRIPTION	ENG	AMERGEN TRACKING	ACTION HISTORY / STATUS	TAC NO.	PRI
Generic Multi-Plant GL 92-08	Thermo-Lag 330-1 Fire Barriers	DJD	94-9181 94032	<p>GPUN responded to GL on 4/12/93 (C311-93-2015). NRC requested additional information in a letter dated 12/21/93 (C311-93-3292). GPUN responded to 12/21/93 RAI on 2/10/94 (C311-94-2012). NRC letter dated 9/19/94 (C311-94-3237) acknowledged the 2/10/94 RAI response and requested response to sections of RAI response deferred or were incomplete. GPUN responded to 50.54(f) request on 12/05/94. NRC letter dated 12/29/94 requested additional information within 90 in a follow-up to the previous RAI. GPUN responded to NRC follow-up to the RAI on 3/29/95 (C311-95-2119). Response to certain sections that require NEI and NRC agreement. NRC/Sandia review of GPUN 3/29/95 letter resulted in RAI requesting a prompt response. NRC RAI dated 5/25/95 (C311-95-3261) requested information in 45 days regarding 3/29/95 GPUN response to the previous RAI. GPUN response to the 5/26/95 response to the follow-up to the RAI was submitted 7/7/95 (C311-95-2265) NRC denied the exemption request by letter (6710-96-3018) dated 1/5/96. NRC denied the 1994 2.206 petitions to shutdown all thermolag plants and filed DD-96-03. GPUN/NRC meeting was held on 4/16/96 (see Meeting writeup 6710-96-3186, dated 5/13/96) to clarify exemption denial issues. GPUN responded to ampacity RAI on 10/12/96 (6710-96-2336). 3-hr barrier exemption requests submitted on 8/16/96 (6710-96-2229) requested NRC review by 10/31/96. GPUN submitted TR-094, Rev 1 on 8/28/96 (6710-96-2301) which was to be Enclosure B but omitted from the 8/16/96 letter. GPUN submitted Thermo-lag evaluation/exemptions for 1-hr barrier on 12/31/96. GPUN responded to NRC 11/20/96 RAI (6710-96-3408) on 3-hr barrier evaluations and exemption request on 1/3/97 (6710-96-2412). NRC issued SER on 3-hr barriers on 07/11/97 for all areas except FH-FZ-05. GPUN responded to 5/8/97 RAI (6710-97-3207) on ampacity in a letter dated 07/31/97 (6710-97-2343) which submitted the calculation on derating cable ampacity due to raceway fire barriers. NRC issued RAI's on 1-hour exemption request on 07/30/97 (6710-97-3347) and 08/19/97 (6710-97-3378). GPUN letter on 08/19/97 (6710-97-2329) committed to upgrade Thermo-lag in FH-FZ-5 to a 3-hr rating by 06/30/98. GPUN responded to NRC 1-hour RAI of 07/30/97 on 09/08/97 (6710-97-2373). Response to 1-hour RAI of 08/19/97 (6710-97-3378) was submitted on 12/30/97 (6710-97-2489). GPUN provided consent to confirmatory order modifying the license by letter dated 05/05/98 (1920-98-20232). NRC issued consent to confirmatory order modifying license on 4/27/98 (1920-98-30237). GPUN letter dated 05/21/98 (1920-98-20225) provided additional commitment to relocate gas line in CB-FA-1. NRC issued confirmatory order on 05/22/98 (1020-98-30295) modifying license to complete implementation of Thermo-lag resolution. GPUN provided the final results of revised calculations addressing T-L fire barrier seismic capability in a letter dated 09/28/98 (1920-98-20426). Conference call with NRC on 9/29/98 discussed NRC a concern with gas line in CB-FA-1. GPUN submitted a response to NRC request regarding CB-FA-1 in a letter dated 10/14/98 (1920-98-20582). GPUN submitted commitment to inspect all barriers in a letter dated 11/25/98 (1920-98-20688). NRC performed walkdown of 1-Hour exemption fire zones on 12/08/98. GPUN submittal dated 12/23/98 (1920-98-20718) addressed 1-Hour fire zones FB-FZ-6 and CB-FA-1 based on the 12/08/98 walkdown. NRC issued SE on Thermo-Lag related ampacity derating issues on 1/22/99 (1920-99-30039) and closed TAC No. MA3340. NRC issued SER for 1-Hour barrier exemptions on 04/20/99. NRC letter dated 05/13/99 (1920-99-30277) requested a description of the proposed corrective actions for zones AB-FZ-3, AB-FZ-7, and FH-FZ-2 and confirmation that the proposed corrective actions will be completed by 12/31/99. GPUN letter dated 06/02/99 (1920-99-20279) committed to complete 1-Hour upgrades in three zones by 06/30/2000. NRC issued a request for consent to modify existing confirmatory order on 06/21/99 (1920-99-30348). GPUN responded with consent in a letter dated 07/01/99 (1920-99-20350). NRC issued a second confirmatory order modifying the license in a letter dated 08/11/99 (1920-99-30464) in response to commitments in GPUN letters dated 06/02/99 and 07/01/99 to complete final implementation of corrective actions by 06/30/2000.</p>	M85615 M92617 M96473 MA3340	B1

TMI UNIT 1 LICENSING ACTIVITIES - OPEN ITEMS LIST

CATEGORY	DESCRIPTION	ENG	AMERGEN TRACKING	ACTION HISTORY / STATUS	TAC NO.	PRI
				<p>NRC issued a closeout letter for GL 92-08 dated 12/27/99 (5928-00-30012), acknowledging that the actions tracked by TAC No. M85615 are completed, and requested that the staff be advised in writing when the actions described in TMI Unit 1 submittals are complete.</p> <p>AmerGen letter dated 12/30/99 (1920-99-20641) confirmed completion of 05/22/98 Confirmatory Order scope of upgrades required to be completed by 12/31/99.</p> <p>Upgrades required to be completed by 06/30/2000 are complete.</p> <p>STATUS: AmerGen to confirm completion of the upgrades required by the 08/11/99 Confirmatory Order in a letter by 03/01/2000.</p>		
Generic Multi-Plant GL 98-02	Loss Of Inventory & Emergency Mitigation Functions While S/D	MRK	98099	<p>NRC issued GL 98-02, "Loss Of Reactor Coolant Inventory & Associated Potential For Loss Of Emergency Mitigation Functions While In A Shutdown Condition," which requires a documented internal review and could require submittal by 11/24/98 only if the assessment concludes that ECCS includes design features, such as common pump suction header, which can render the systems susceptible to common-cause failure as a result of events similar to 9/94 Wolf Creek event.</p> <p>GPUN assessment concluded TMI does have a common pump suction header, but is not susceptible to voiding because the RCS recirculated fluid does not enter the S/D cooling system between the BWST outlet and the pump suction. See GPUN System Engineering memo E270-98-019, dated 10/01/98 (LAR #98099.01), "Response to Generic Letter 98-02." signed off by G. A. Yockey, W. P. McSorley, and W. S. Wilkerson. Reviewers were by Larry Noll, Tom Basso, and (Steve Ku for) Dave Masiero who called in no comments on the response memo.</p> <p>NRC PPR letter (1920-99-30532) dated 09/30/99 advised GPUN of an inspection entitled "Draindown During Shutdown and Common-Mode Failure," the week of 03/20/99 through 03/24/99 by one Region I inspector to follow up on the GPUN internal response to GL98-02. Similar inspections are planned for all PWR licensees using Inspection Procedure (IP) 25.15/142.</p> <p>STATUS: NRC Region I inspection of the AmerGen GL 98-02 internal response at TMI is planned for March 7-10, 2000.</p>		C
Generic MultiPlant GL 81-14	Seismic Qualification of Auxiliary Feedwater Systems - Revised Response	DJD		<p>Background: NRC issued two Safety Evaluation Reports (SERs) to close GL 81-14. See SERs dated 08/12/83 (5211-83-3255) and 04/27/84 (5211-84-3137).</p> <p>GPUN submitted a revised response to GL 81-14 on 11/12/99 (1920-99-20573) to capture the reanalysis of EFW for a Loss of Feedwater (LOFW) and Small Break LOCA (SBLOCA) following a seismic event.</p> <p>STATUS: Estimated review completion date by NRC is 11/12/2000.</p>		C
Plant Specific - 3rd 10 Yr ISI Interval	Third Ten Year Interval ISI Program Description and Relief Requests	MRK		<p>AmerGen to submit ISI Program Description for the third ten year ISI interval (4/19/2001 - 4/19/2011) w/relief requests. (Note: In accordance with 10CFR50.55a.(g)(4)(ii), TMI-1 will be required to update the ISI Program to the latest Edition and Addenda of ASME Section XI incorporated by reference into 10CFR50.55a(b)(2) by 04/01/2000 (12 mo prior to the update) and submit requests for NRC approval/reapproval of any relief needed from that Edition/Addenda. NRC approval of all relief applicable to the third ten year program is required by 4/19/2012.</p> <p>STATUS: AmerGen to submit the ISI Program Description with relief requests applicable to the third ten year ISI interval by 01/19/2001 requesting NRC approval of relief requests by 01/19/2002.</p>		C
Plant Specific - ISI	Relief - IWE & IWL Containment Inspections	MRK		<p>AmerGen submitted (7) requests for relief from ASME Section XI, Subsections IWE and IWL in a letter dated 01/28/00 (5928-00-20013). 10CFR50.55a requirements (61 FR 41303) imposed requirements to perform IWE and IWL containment inspections in accordance with the 1992 Edition with the 1992 Addenda. (NOTE: The NRC has approved the IWE relief requests (RR#1-6) for the pilot BWOG submittal, Davis Besse (Docket No. 50-346), in an SER dated 06/30/98. Since IWL does not apply for Davis Besse, there is no Davis Besse relief request associated with (RR#7). NRC has approved relief similar to RR#7 for Entergy-ANO plants and the Duke Energy plants.) NRC approval is requested by 8/1/00.</p> <p>NRC faxed questions on 2/15/00 that were discussed in a conference call on 2/17/00.</p> <p>STATUS: Amergen to provide a written response to NRC's questions as discussed in the 2/17/2000 conference call by 03/02/2000. NRC approval is requested by 08/01/2000.</p>		B2

TMI UNIT 1 LICENSING ACTIVITIES - OPEN ITEMS LIST

CATEGORY	DESCRIPTION	ENG	AMERGEN TRACKING	ACTION HISTORY / STATUS	TAC NO.	PRI
Plant Specific - ISI	Relief - RV Weld Exam	MRK		<p>AmerGen to submit request for relief from the 1989 ASME CODE requirement imposed by 10CFR50.55a(g)(ii)(a) to examine >90% of all RV welds during 14R (9/2001). Request to demonstrate impracticality regarding two of the eight welds which are <90% accessible using the tools available at the time of submittal. (Ref: IN 96-032).</p> <p>NRC requested in 05/07/99 Licensing Activities Meeting that our letter discuss any potential alternatives to the examinations that are not practical, e.g., visual examinations, etc.</p> <p>STATUS: AmerGen to submit relief request by 03/31/2000 requesting approval by 10/01/2000.</p>		A
Plant Specific - OTSG	OTSG Kinetic Expansion Region Inspection Acceptance Criteria	MRK	99119	<p>In a letter dated 06/17/99 (1920-99-30368), the NRC requested additional information regarding OTSG kinetic expansion area examination criteria as described in GPUN letters dated 08/08/97 (6710-97-2348) and 11/26/97 (6710-97-2441) and requested a description of the kinetic expansion area examination criteria to be used in 13R.</p> <p>GPUN submitted a response to the NRC's RAI in a letter dated 07/30/99 (1920-99-20412). The letter stated that GPUN intends to use the same criteria for 13R as that used in 12R for the OTSG kinetic expansion area examinations, and that GPUN will support NRC review of the kinetic expansion area exam criteria although we do not believe that NRC review and approval is required. The letter also committed to provide a copy of MPR-1820, Revision 1, "Three Mile Island Generating Station OTSG Kinetic Expansion Inspection Criteria Analysis," the revision of the MPR report that was used for 12R examinations.</p> <p>GPUN submitted MPR-1820, Revision 1 on 08/20/99 (1920-99-20448).</p> <p>GPUN responded to faxed questions from the NRC during a conference call on 10/12/99 in addition to providing the Tech Spec notification required prior to heating up above 250 F. The NRC said they would let us know if anything else is needed. GPUN provided a Corrected Copy of the 07/30/99 RAI response letter in a letter dated 10/22/99 (1920-99-20568) with a paragraph crossed out. The crossed out paragraph had mentioned additional conservatism that was later found did not exist; the response is complete and valid without that paragraph.</p> <p>STATUS: NRC to let GPUN know if anything else is needed..</p>	M99388	C
TMI-1 Lic Change Request No. 293	Administrative License Change for PECO/UNICOM Merger	DJD		<p>AmerGen to submit LCA for an administrative license change to reflect the PECO/UNICOM merger.</p> <p>STATUS: AmerGen to submit LCA by 02/29/2000 requesting NRC approval by 06/30/2000.</p>		B2
TMI-1 Lic Chg Request No. 249	Containment Requirements During Refueling	DJD		<p>AmerGen to submit License Change Application (LCA) to permit air lock doors to be open during fuel movement based on offsite dose consequences of a fuel handling accident using the Alternate Source Term in NUREG-1465, EPRI TR-105909, "Generic Framework for Application of Revised Accident Source Term To Operating Plants."</p> <p>NRC issued a Final Rule on 12/23/99 effective 01/24/2000 (64 FR 71990) to permit use of alternate source term for operating plants, along with Draft Regulatory Guide DG-1081, "Alternative Radiological Source Terms for Evaluating Design Basis Accidents at Nuclear Power Reactors" and Draft SRP 15.0.1, Rev. 0, Radiological Consequence Analyses Using Alternative Source Terms."</p> <p>STATUS: AmerGen to submit LCA by 03/01/2001 requesting NRC approval by 09/01/2001.</p>		B3
TMI-1 Lic Chg Request No. 262	Misc Section 3&4 Improvements	VLK	97033	<p>GPUN submitted TSCR-262 on 04/01/99 (1920-99-20681) requesting changes that include RSTS improvements, clarification of existing specs, and changes in sampling frequency and sampling requirements.</p> <p>NRC issued a partial denial of TSCR-262 in a letter dated 08/06/99 (1920-99-30461) regarding the request to permit continued HPI operation, without violating the TSs, if HPI is operating during an emergency cooldown rather than invoke 10 CFR 50.54(x).</p> <p>STATUS: NRC target amendment date is 03/30/2000.</p>	MA5185	B1

TMI UNIT 1 LICENSING ACTIVITIES - OPEN ITEMS LIST

CATEGORY	DESCRIPTION	ENG	AMERGEN TRACKING	ACTION HISTORY / STATUS	TAC NO.	PRI
TMI-1 Lic Chg Request No. 265	Shutdown DHR Capability Requirements	AWM	98111	<p>GPUN submitted TSCR-265 on 06/04/99 (1920-99-20390) to revise the shutdown decay heat requirements that NRC characterized in IR 97-09 as non-conservative.</p> <p>NRC requested that GPUN submit a supplement that provides certain background during a conference call on 10/05/99.</p> <p>GPUN submitted a supplement to TSCR-265 on 12/13/99 (1920-99-20643) to withdrawing a clarifying change to the TS Bases page 3-26c and to provide written background information.</p> <p>STATUS: NRC target amendment date is 03/30/2000.</p>		C
TMI-1 Lic Chg Request No. 275	License Clarifications	VLK	98110	<p>GPUN submitted TSCR-275 on 05/13/99 (1920-99-20387) to include clarifications and other changes due to GPUN organizational changes. Included are changes to the Bases for Pressurizer Code Safety Valves.</p> <p>STATUS: NRC target amendment date is 02/28/2000.</p>	MA5455	B3
TMI-1 Lic Chg Request No. 280	Hydrogen Recombiner Specifications (from TSCR-255)	VLK	96054 99033	<p>Note: TSCR-280 involves the Hydrogen Recombiner issue as broken out of TSCR-255.</p> <p>NRC issued RAI dated 06/11/97, (6710-97-3262) which requests submittal of calculations to justify the change.</p> <p>STATUS: AmerGen to submit LCA by 03/31/2000 requesting NRC review by 3/31/2001.</p>	M98522	C
TMI-1 Lic Chg Request No. 281	Aux Steam System Piping Seismic Capability Analysis	DJD	97062	<p>GPUN submitted License Change Request No. 281 on 05/26/99 (1920-99-20140) for approval of the Conservative Deterministic Failure Margin (CDFM) analysis for seismic verification of the Auxiliary Steam System piping. The proposed seismic evaluation method, CDFM, was developed by EPRI and has been used at a number of other nuclear plants. As requested by NRC, GPUN submittal referred to similar NRC approvals for other plants.</p> <p>AmerGen advised NRC of estimate unanalyzed piping to total piping length on 01/05/00 as requested as requested by NRC in a conference call on that date.</p> <p>STATUS: NRC to complete review by 03/10/2000.</p>		C
TMI-1 Lic Chg Request No. 283	Degraded Grid UV Relay Calibration Frequency and Setpoint Tolerance	WGH	99096	<p>GPUN submitted TSCR 283 on 08/20/99 (1920-99-20295) to revise the 4kv Engineered Safeguards Bus Undervoltage Relay Degraded Voltage calibration to be performed at an annual interval rather than refueling interval and a bases change to revise the degraded voltage relay "as-left" setpoint tolerance from 3760 v. -53%, +0.35% to an "as-found" setpoint tolerance. The latest analysis identifies the need for earlier operator action to prevent separation from the grid for some conditions and identifies additional safety related components that could be operated outside the normal voltage tolerance bands. The justification for operation of the components outside the normal band is described in this request.</p> <p>NRC/AmerGen conference call on 01/21/2000 discussed NRC questions. NRC RAI dated 01/24/2000 (5928-00-30046).</p> <p>AmerGen respond to NRC RAI in a letter dated 02/18/2000 (5928-00-20034).</p> <p>STATUS: NRC to complete review by 04/30/2000.</p>		B2
TMI-1 Lic Chg Request No. 284	MSLB Reanalysis & Allowable RCS Activity	DJD		<p>AmerGen to submit a license change request to increase allowable RCS activity.</p> <p>NRC stated in 2/23/00 Lic Act Mtg that AmerGen should meet with NRC (or possibly hold a conference call) to discuss the proposed approach before proceeding with the request.</p> <p>STATUS: AmerGen to submit LCA by 05/01/2000 requesting NRC approval by 11/01/2000.</p>		B1
TMI-1 Lic Chg Request No. 286	EFW T.S. and Bases Changes	MRK		<p>AmerGen to submit TSCR to revise EFW T.S. and Bases as presented to NRC at the 4/23/99 predecisional enforcement conference on EFW, and reflected in the NRC's letter (1920-99-30282), dated 5/12/99.</p> <p>STATUS: AmerGen to submit TSCR by 5/1/2000 requesting NRC approval by 11/01/2000.</p>		C

TMI UNIT 1 LICENSING ACTIVITIES - OPEN ITEMS LIST

CATEGORY	DESCRIPTION	ENG	AMERGEN TRACKING	ACTION HISTORY / STATUS	TAC NO.	PRI
TMI-1 Lic Chg Request No. 287	Makeup Tank Level and Pressure Limits	MRK	97062 98100	<p>GPUN submitted License Change Application (LCA) 287 on 10/29/99 (1920-99-20527) to add Makeup Tank Level and Pressure Limits as described in meeting with NRC on 07/13/99 (see NRC meeting summary (1920-99-30452) dated 08/04/99. The MUT pressure instrument is being added to Surveillance TS Table 4.1-1. In addition, calibration frequency for the MUT level instrument and HPI/LPI flow instruments is being revised to accommodate a 24 mo surveillance interval. These instruments were not included in previous similar submittals requesting a 24 mo surveillance interval because the impact on system operability was not recognized prior to operability issues raised in LER 98-01.</p> <p>To resolve a question regarding an input to the calculation model, calculations to support the 10/29/1999 submittal of LCA No. 287 are being revalidated by PECO Energy engineering.</p> <p>STATUS: AmerGen to submit a supplement to include a similar calibration frequency change for BWST level (including any revisions to the Makeup Tank Pressure vs Level Curve) by 04/01/00.</p>	MA5935 MA7024	C
TMI-1 Lic Chg Request No. 289	Charcoal Filter Testing (GL 99-02)	MRK	99117	<p>This action is a continuation of the action in response to GL 99-02.</p> <p>GPUN submitted License Change Application LCA-289 on 11/30/99 (1920-99-20604) to revise the safety related charcoal test standard to ASTM D3803-1989 in response to GL-99-02.</p> <p>STATUS: AmerGen to submit a supplement to include other changes by 03/31/2000 requesting NRC approval by 09/30/2000.</p>	MA7288	C
TMI-1 Lic Chg Request No. 290	ESF System Leakage and CR Habitability Resubmittal	DJD		<p>AM 215 (from TSCR-274) expires at the end of Cycle 13 due to NRC expectation of the resolution of the generic CBVS infiltration issue in the near term. Therefore the NRC is requiring that a license change request be submitted in conformance with the resolution of that issue at least 6 mo prior to the end of Cycle 13 (est. 02/01/01).</p> <p>STATUS: AmerGen to submit LCA by 02/01/2001 requesting NRC approval by 08/01/2001.</p>		B1
TMI-1 Lic Chg Request No. 291	OTSG Tube Inspection Criteria for 14R and Beyond	DJD		<p>AmerGen to submit LCA requesting that the existing OTSG Tube Inspection Criteria be made permanent following Cycle 13 to support the 14R Outage.</p> <p>[Note: this activity could be superseded by submittal of LCA No. XX5, the NEI 97-06 Steam Generator Inspection Program.]</p> <p>STATUS: AmerGen to submit LCA by 06/01/2000 requesting NRC approval by 02/01/2001.</p>		A
TMI-1 Lic Chg Request No. 292	Deletion of Hydrogen Control Tech Specs	VLK		<p>AmerGen to submit an exemption and License Change Application to delete the requirements for hydrogen control. Approved for SONGS in and SER dated 09/3/99.</p> <p>STATUS: AmerGen to submit LCA by 06/01/2000 requesting NRC approval by 06/01/2001.</p>		C
TMI-1 Lic Chg Request No. 294	FSAR Update 15 Revised SGTR Accident Analysis Dose Consequence	DJD		<p>AmerGen to submit a License Change Application for approval of SGTR accident analysis based on the Chapter 14 Upgrade effort for FSAR Update 15.</p> <p>STATUS: AmerGen to submit LCA No. 294 by 03/31/2000 requesting NRC approval by 12/31/2000.</p>		
TMI-1 Lic Chg Request No. XXI	P-T Limits	DJD		<p>AmerGen to submit License Change Application (LCA) to revise P-T limits beyond 17.7 EFPY current limits which expire in 3rd quarter 2001. Note: Generic License Renewal Program reports BAW-2274P-A, "Fracture Mechanics Analysis Postulated Underclad Cracks in B&W Designed Reactor Vessels for the Period of Extended Operation," was issued in August 1999 and BAW-2251A, "Demonstration of the Management of Aging Effects for the Reactor Vessel." was issued in August 1999.</p> <p>STATUS: AmerGen to submit LCA by 09/01/2000 requesting NRC approval by 09/01/2001.</p>		B1

TMI UNIT 1 LICENSING ACTIVITIES - OPEN ITEMS LIST

CATEGORY	DESCRIPTION	ENG	AMERGEN TRACKING	ACTION HISTORY / STATUS	TAC NO.	PRI
TMI-1 Lic Chg Request No. XX2	Ventilation TS/Bases Changes with Alternate Source Terms	MRK		<p>AmerGen to submit License Change Application (LCA) to change Tech Specs and Bases for Air Treatment Systems (Control Bldg, A&FHB, AND FHB ESF) testing to implement the Alternative Source Term.</p> <p>NRC transmitted draft "Proposed Rule Package - Proposed Amendments to 10 CFR Parts 21, 50, and 54; Regarding Use of an Alternative Source Term (AST) at Operating Reactors."</p> <p>NRC published Final Rule effective 01/24/00 (64 FR 71990), Draft Regulatory Guide DG-1081, "Alternative Radiological Source Terms for Evaluating Design Basis Accidents at Nuclear Power Reactors," and Draft SRP-15.0.1, Rev .0, Radiological Consequence Analyses Using Alternative Source Terms," December 1999.</p> <p>STATUS: AmerGen to submit LCA by 05/01/2001 requesting NRC approval by 05/01/2002.</p>		B3
TMI-1 Lic Chg Request No. XX3	MSIV Clarification of TS LCO and AOT	VLK		<p>AmerGen to submit License Change Application (LCA) to clarify LCO and AOT for the MSIVs.</p> <p>STATUS: AmerGen to submit LCA by 06/01/2000 requesting NRC approval by 06/01/2001.</p>		C
TMI-1 Lic Chg Request No. XX4	24 Mo. EDG Inspection Frequency Extension	GMG		<p>AmerGen to submit License Change Application (LCA) to extend the EDG inspection frequency from annually to 24 months.</p> <p>NRC (02/23/00 Lic Act Mtg) requested that the AmerGen submittal list other plants that have received approval for this change and relate the effect on performance other licensees have experienced with a 24 mo. Inspection frequency.</p> <p>STATUS: AmerGen to submit LCA by 8/31/2000 requesting NRC approval by 03/31/2001.</p>		B1
TMI-1 Lic Chg Request No. XX5	NEI 97-06 Steam Generator Inspection Program	DJD		<p>AmerGen to submit License Change Application (LCA) to adopt the yet to be revised NEI 97-06 Steam Generator Inspection Program in accordance with NRC guidance as a generic license change package to be issued upon NRC approval of the guidelines. NRC approval of NEI 97-06 is not expected to be approved until 09/2000.</p> <p>STATUS: AmerGen to submit LCA in accordance with the NRC's generic license change package guidance by 11/01/00 requesting NRC approval by 05/01/2001.</p>		B3
TMI-1 Lic Chg Request No. XX6	Specify AOT for TS 3.7 Loss of an ES Bus	GMG		<p>AmerGen to submit License Change Application (LCA) to specify an allowable outage time in TS 3.7 for loss of an ES bus.</p> <p>STATUS: AmerGen to submit LCA by 10/01/2000 requesting NRC approval by 04/01/2001.</p>		C