

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 LICENSING ENGINEER KEY

Kennett Square (610) 765-XXXX

TMI (717) 948-XXXX

DJD = Dave Distel (5517)

MRK = Bob Knight (8554)

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
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 AS Section XI incorporated by reference into 10CFR50.55a(b)(2) by 04/01/2000 (12 mo prior to the update) [1995 Code Edition through 1996 Addenda] and submit requests for any relief needed from that Code Edition/Addenda. NRC approval of all relief applicable to 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 04/19/2001 requesting NRC approval of relief requests by 04/19/2001.</p>		C
Plant Specific - Fuel Burnup	LTA to Exceed 62 GWD/MTU	DJD	00141 35547	<p>AmerGen submitted a request for NRC concurrence dated 01/18/2001 (5928-00-20394) with plans to irradiate four M5 clad fuel rods to EOL burnups exceeding 62 GWD/MTU (ranging from 63 to 69 GWD/mtU).</p> <p>STATUS: NRC concurrence is requested by 04/30/01 to support the core reload design schedule for this Cycle 14.</p>	MB1013	A
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 &gt;90 all RV welds during 14R (9/2001). Request to demonstrate impracticability regarding two of the eight welds which are &lt;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 practical, e.g., visual examinations, etc.</p> <p>The current schedule calls for a contract to be issued to a vendor by 10/2000. Based on having a scan plan for the inspections by 11/2000, AmerGen expects to have a relief request ready for submittal by 12/2000.</p> <p>NRC requested that the submittal identify other licensees that have been granted this relief.</p> <p>STATUS: AmerGen to submit relief request by 12/2001 following the 14R inspections requesting NRC approval by 06/2002.</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 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 08/26/99 (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.</p> <p>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 AmerGen know if anything else is needed.</p>	M99388	C
Plant Specific - RI ISI	Relief - Use of Risk Informed ISI	MRK		<p>AmerGen to submit relief request for use of Risk Informed (RI) ISI during the 15R Outage, scheduled to begin in 09/2003.</p> <p>STATUS: AmerGen to request relief in 2002 for use during 15R in 09/2003.</p>		B1

# TMI UNIT 1 LICENSING ACTIVITIES - OPEN ITEMS LIST

CATEGORY	DESCRIPTION	ENG	AMERGEN TRACKING	ACTION HISTORY / STATUS	TAC NO.	PRI
Plant Specific ISI PDI	PDI Relief Requests VIII-1, -2, and -3	MRK	01002	AmerGen submitted three ROG requests for relief from ASME Section XI, Appendix VIII in a letter dated 12/21/2000 (5928-01-20007). (See Relief Request Nos: VIII-1, "Depth Sizing Criterion," VIII-2, "Annual Training," and VIII-3, "Welds Examined from Inside Surface.") Relief was requested by 03/16/2001 for use during the Limerick Spring 2001 Outage, scheduled to begin on 04/06/2001. Relief for TMI-1 is needed by 08/15/2001. NRC Rule Change scheduled for late April 01 is to provide relief for RR-1.  STATUS: NRC is requested to grant these relief requests for TMI-1 by 8/15/2001.	MB0882	132
TMI Unit 1 Lic Chg Application No. 249	Containment Requirements During Refueling	DJD	00109	AmerGen submitted License Change Application (LCA) No. 249 on 01/23/01 (5928-00-20299) to permit air lock doors and other penetrations to be open during fuel movement based on offsite and Control Room dose consequences of a fuel handling accident us the Alternate Source Term accordance with 10 CFR 50.67 and R. G. 1.183. In Lic Act Mtg on 9/13/00, NRC requested that the 3/1/01 AmerGen follow the Reg Guide very carefully with few exceptions and follow NRC review of the Calvert Cliffs submittal and NRC should be able to approve by 8/1/01.  STATUS: NRC approval is requested by 08/01/2001.	MB1051	133
TMI Unit 1 Lic Chg Application No. 286	EFW T.S. and Bases Changes	MRK	99064	AmerGen submitted LCA No. 286 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. FSAR Update 15, submitted on 04/14/00 (5928-00-20143), included changes to fulfill a commitment from that conference . AmerGen submitted LCA-286 on 12/06/2000 requesting NRC approval by 08/15/2001.  STATUS: NRC approval of LCA-286 is requested by 08/15/2001.	MB0691	C
TMI Unit 1 Lic Chg Application No. 290	ESF System Leakage and CR Habitability Resubmittal	DJD	MB0339	AmerGen submitted LCA-290 on January 29, 2001 (5928-00-20398). Revised offsite and Control Room analysis utilizes AST in accordance with 10 CFR 50.67 and R.G. 1.183. AM 215 (from TSCR-274) expires at the end of Cycle 13 due to NRC expectation the resolution of the generic CBVS infiltration issue in the near term. Therefore the NRC is requiring that a license change request submitted in conformance with the resolution of that issue at least 6 mo prior to the end of Cycle 13 (est. 02/01/01). AmerGen met with the NRC on 11/21/00 in Rockville to discuss Control Room Habitability Issues and forthcoming license amend application for TMI-1 (TAC MB0339)  STATUS: NRC approval is requested by 08/01/01.	MB0339 MB1074	A
TMI Unit 1 Lic Chg Application No. 291	OTSG Tube Inspection Criteria for 14R and Beyond	MRK	00120	AmerGen submitted LCA No. 291 on 12/06/00 requesting that the existing OTSG Tube Inspection Criteria be made permanent following Cycle 13 to support the 14R Outage. [Note: this activity could be superseded by submittal of LCA to incorporate the NEI 97-06 Steam Generator Inspection Program as approved by NRC.] NRC to confirm whether they want a meeting or conference call.  STATUS: AmerGen requests NRC approval by 6/01/01 to successfully complete the outage preparation of analysis guidelines, qualification testing, and training and to avoid any potential outage startup delays.	MB0664	A
TMI Unit 1 Lic Chg Application No. 292	Deletion of Hydrogen Control Tech Specs	MRK	00075	AmerGen submitted a request for exemption from 10CFR50.44, 10CFR50, Appendix A, GDC Criterion 41, and 10CFR50, Appendix E, Section VI and License Amendment Request No. 292 to delete the requirements for Hydrogen Control Systems on 09/20/00 (5928-00-20171). NRC has granted a similar request for SONGS - see NRC's SER dated 09/3/99. Duke Energy submitted a similar request for Oconee on 07/26/00. As of 3/21/01, the Commission hasn't decided; NRC will review Oconee before TMI.  STATUS: NRC to respond by 5/1/01. However, NRC review may be delayed by rulemaking.	MB0065 MB0067	132
TMI Unit 1 Lic Chg Application No. 295	Specify AOT for TS 3.7 Loss of an ES Bus	MRK		AmerGen to submit License Change Application (LCA) to specify an allowable outage time in TS 3.7 for loss of an ES bus.  STATUS: AmerGen to submit LCA by 05/15/2001 requesting NRC approval by 12/15/2001.		C

# TMI UNIT 1 LICENSING ACTIVITIES - OPEN ITEMS LIST

CATEGORY	DESCRIPTION	ENG	AMERGEN TRACKING	ACTION HISTORY / STATUS	TAC NO.	PRI
TMI Unit 1 Lic Chg Application No. 296	24 Mo. EDG Inspection Frequency Extension	MRK	00099	AmerGen submitted License Change Application (LCA) 296 to extend the EDG inspection frequency from annually to 24 months. 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. NRC requested that we identify our late start date for scheduling the inspection. AmerGen submitted LCA-296 on 10/20/2000 (5928-00-20254) requesting NRC approval by 03/31/2001 (to avoid extension of the current surveillance as permitted by Technical Specifications). AmerGen submitted additional information on March 14, 2001 (5928-01-20078) in response to a <u>verbal request</u> from the NRC on March 7, 2001.  STATUS: NRC approval is requested by 03/31/2001.	MB0346	B1
TMI Unit 1 Lic Chg Application No. 298	IOSRG/QA Functions	MRK		AmerGen submitted License Change Application (LCA) No. 298 on 08/09/2000 (5928-00-20193) to combine the IOSRG and quality assurance organizations (T.S. 6.5.3 & 6.5.4) into a single qualified organization while keeping the functions as they were and leading efficiencies in the performance of both functions. NRC approval was requested by 01/15/00. NRC requested additional information similar to the information submitted by STPI.  Status: AmerGen to submit additional information by 05/15/01.	MA9752	B2
TMI Unit 1 Lic Chg Application No. 299	HVAC T.S. and Bases Changes	MRK		This LCA was to be issued as a supplement to LCA No. 289, however after a delay in the preparation of the LCA, NRC requested that these additional changes should be submitted under a separate LCA number so that NRC could proceed with approval of LCA No.  STATUS: AmerGen to submit LCA No. 299 by 10/15/2001 requesting NRC approval within 8 months.		B2
TMI Unit 1 Lic Chg Application No. 300	MSIV Clarification of TS LCO and AOT	MRK		AmerGen to submit License Change Application (LCA) to clarify LCO and AOT for the MSIVs.  STATUS: AmerGen to submit LCA by 05/04/2001 requesting NRC approval within 9 months.		C
TMI Unit 1 Lic Chg Application No. 301	M5 Cladding	DJD	00097	AmerGen submitted LCA No. 301 and the associated exemption request for the Cycle 14 expanded use of M5 cladding on 12/20/2000 (5928-00-20248 and 5928-00-20249). NRC requests an 8-month review schedule. AmerGen submitted additional information in a letter dated March 14, 2001 (5928-01-20069) in response to a verbal request from the NRC on March 1, 2001.  STATUS: AmerGen requests NRC approval by 04/01/2001 to support core design analysis and reload report finalization.	MB0787 MB0788	A
TMI Unit 1 Lic Chg Application No. 302	Fuel Assembly U235 Loading Criteria	DJD	00121	AmerGen submitted LCA No. 302 on 01/15/01 (5928-00-20349) to revise fuel assembly gm/cm fuel loading in Technical Specifications design features.  STATUS: AmerGen requests NRC approval by 04/01/01 to support Cycle 14 core design and reload report finalization.	MB0965	A
TMI Unit 1 Lic Chg Application No. 303	RCS Pressure and Temperature Protective Limits	DJD	00126	AmerGen submitted LCA No. 303 on 01/15/01 (5928-00-20355) to relocate cycle specific safety limits to the COLR to support Cycle 14 COLR revisions.  STATUS: Based on discussion with NRC staff regarding methodology of the proposed change, AmerGen will withdraw this LCA. Cycle 14 LAR will be required to revise the current Technical Specification values.	MB0966	A
TMI Unit 1 Lic Chg Application No. 306	Deletion of License Condition 2.c(9) - Long Range Planning Program	MRK	30486	AmerGen to submit LCA requesting deletion of License Condition 2.C(9), "Long Range Planning Program."  STATUS: AmerGen to submit LCA by 05/04/2001 requesting NRC approval by 11/04/2001.		B3

Thursday, March 29, 2001

# TMI UNIT 1 LICENSING ACTIVITIES - OPEN ITEMS LIST

CATEGORY	DESCRIPTION	ENG	AMERGEN TRACKING	ACTION HISTORY / STATUS	TAC NO.	PRI
TMI Unit 1 Lic Chg Application No. 307	Degraded Grid UV Setpoint Changes with New Aux Transformers	MRK		AmerGen to submit License Change Application in 02/2002 to revise the degraded grid undervoltage setpoints appropriate for oper after the 1R14 aux transformer replacement modification. Tech Spec changes will not be need for Cycle 14 startup and the setpoint be adjusted on line during the quarterly surveillance. In 3/21/01 the NRC requested 9 months to complete their review.  STATUS: AmerGen to submit License Change Application by 02/2002 requesting approval by 11/02.	B2	
TMI Unit 1 Lic Chg Application No. 308	Heatup/Cooldown Limits	DJD		AmerGen to submit License Change Application (LCA) to revise Heatup/Cooldown limits beyond the current limits which expire a EFPY in 3rd quarter 2001.  STATUS: AmerGen to submit LCA by 03/28/2001 requesting NRC approval by 8/01/2001.	A	
TMI Unit 1 Lic Chg Application No. XX2	Ventilation TS/Bases Changes with Alternate Source Terms	MRK		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. 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." 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 Consequenc Analyses Using Alternative Source Terms," December 1999.  STATUS: AmerGen to submit LCA by 03/01/2002 requesting NRC approval by 03/01/2003.	B3	
TMI Unit 1 Lic Chg Application No. XX3	NEI 97-06 Steam Generator Inspection Program	DJD		AmerGen to submit License Change Application (LCA) to adopt the yet to be revised NEI 97-06 Steam Generator Inspection Prog in accordance with NRC guidance as a generic license change package to be issued upon NRC approval of the guidelines. NRC approval of the "Steam Generator Program Generic License Change Package" is not expected until 10/01/2001 (per NEI/Jim Riley 01/30/2001). NRC workshop June 5-6, 2001 to discuss license change implementation.  STATUS: AmerGen to submit LCA in accordance with the NRC's "Steam Generator Program Generic License Change Package "	C	
TMI Unit 1 Lic Chg Application No. XX4	EDG Allowable Outage Time Extension	MRK		AmerGen to submit License Change Application to extend the EDG allowable outage time from 7 days to 14 days. NRC requests t the submittal identify other licensees that have been granted this change and that the submittal be risk informed.  STATUS: NRC requests thatTMI wait on BWOG generic activity and if the need for additional diesel AOT, that we use the NOED/Emergency TS Change process.	C	
TMI Unit 1 Lic Chg Application No. XX5	10 CFR 50.59 Changes	DJD		AmerGen to submit license changes related to the revised 10 CFR 50.59 process.  STATUS: AmerGen to submit a License Change Application by __TBD__.	C	
TMI Unit 1 Lic Chg Application No. XX6	Administrative Change Re: EP Training Organization	MRK		AmerGen to submit License Change Application to reflect a planned reorganization that moves Emergency Plan training from repo to the training manager to reporting to the Corporate Emergency Planning organization. T.S. Section 6.4.1, "Training," currently st "A retraining and replacement training program for the unit staff shall be maintained under the direction of the plant training manag  STATUS: AmerGen to submit License Change Application by __TBD__.	B3	
TMI Unit 1 Lic Chg Application No. XX7	RCS Pressure Temperature Safety Limit	DJD		AmerGen to submit License Change Application to revise RCS pressure-temperature core protection safety limits based on final Cy 14 core reload design.  STATUS: AmerGen to submit License Change Application by June 1, 2001 requesting NRC approval by 09/01/01.		