

August 31, 2005

Mr. Christopher M. Crane  
President and CEO  
AmerGen Energy Company, LLC  
200 Exelon Way, KSA 3-E  
Kennett Square, PA 19348

SUBJECT: THREE MILE ISLAND STATION, UNIT 1 - NOTIFICATION OF CONDUCT OF A  
TRIENNIAL FIRE PROTECTION BASELINE INSPECTION

Dear Mr. Crane:

The purpose of this letter is to notify you that the U.S. Nuclear Regulatory Commission (NRC) Region I staff will conduct a triennial fire protection baseline inspection at your Three Mile Island Unit 1 facility beginning in November 2005. The inspection team will be led by Mr. Leonard Cheung from the NRC Region I Office. The team will be composed of personnel from NRC Region I. The inspection will be conducted in accordance with IP 71111.05, the NRC's baseline fire protection inspection procedure.

The schedule for the inspection is as follows:

- Information gathering visit - November 15 - 17, 2005
- Weeks of onsite inspection - November 28 - December 2, 2005, and  
December 12 -16, 2005.

The purposes of the information gathering visit are to obtain information and documentation needed to support the inspection, to become familiar with the Three Mile Island Unit 1 fire protection programs, fire protection features, and post-fire safe shutdown capabilities and plant layout, and, as necessary, obtain plant specific site access training and badging for unescorted site access. A list of the types of documents the team may be interested in reviewing, and possibly obtaining, are listed in the enclosure. The team leader will contact you with specific document requests.

During the information gathering visit, the team will also discuss the following inspection support administrative details: office space size and location; specific documents requested to be made available to the team in their office spaces; arrangements for reactor site access (including radiation protection training, security, safety and fitness for duty requirements); and the availability of knowledgeable plant engineering and licensing organization personnel to serve as points of contact during the inspection.

We request that during the onsite inspection weeks you ensure that copies of analyses, evaluations or documentation regarding the implementation and maintenance of the Three Mile Island Unit 1 fire protection program including post-fire safe shutdown capability, be readily accessible to the team for their review. Of specific interest are those documents which

establish that your fire protection program satisfies NRC regulatory requirements and conforms to applicable NRC and industry fire protection guidance. Also, personnel should be available at the site during the inspection who are knowledgeable regarding those plant systems required to achieve and maintain safe shutdown conditions from inside and outside the control room (including the electrical aspects of the relevant post-fire safe shutdown analyses), reactor plant fire protection systems and features, and the Three Mile Island Unit 1 fire protection program and its implementation.

Your cooperation and support during this inspection will be appreciated. If you have questions concerning this inspection, or the inspection team's information or logistical needs, please contact Leonard Cheung, the team leader in the Region I Office at (610) 337-5296.

Sincerely,

**/RA/**

John F. Rogge, Chief  
Engineering Branch 3  
Division of Reactor Safety

Docket No. 50-289  
License No. DPR-50

Enclosure: As Stated

cc w/encl:

Chief Operating Officer, AmerGen  
Site Vice President - TMI Unit 1, AmerGen  
Plant Manager - TMI, Unit 1, AmerGen  
Regulatory Assurance Manager - TMI, Unit 1, AmerGen  
Senior Vice President - Nuclear Services, AmerGen  
Vice President - Mid-Atlantic Operations, AmerGen  
Vice President - Operations Support, AmerGen  
Vice President - Licensing and Regulatory Affairs, AmerGen  
Director Licensing - AmerGen  
Manager Licensing - TMI, AmerGen  
Vice President - General Counsel and Secretary, AmerGen  
T. O'Neill, Associate General Counsel, Exelon Generation Company  
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Chairman, Board of County Commissioners of Dauphin County  
Chairman, Board of Supervisors of Londonderry Township  
R. Janati, Director, Bureau of Radiation Protection, State of PA  
J. Johnsrud, National Energy Committee  
E. Epstein, TMI-Alert (TMIA)  
D. Allard, PADER  
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Mr. Christopher M. Crane

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## **ENCLOSURE**

### **Reactor Fire Protection Program Supporting Documentation**

[Note: This is a broad list of the documents the NRC inspection team may be interested in reviewing, and possibly obtaining, during the information gathering site visit.]

1. The current version of the Fire Protection Program and Fire Hazards Analysis.
2. Current versions of the fire protection program implementing procedures (e.g., administrative controls, surveillance testing, fire brigade).
3. Fire brigade training program and pre-fire plans.
4. Post-fire safe shutdown systems and separation analysis.
5. Post-fire alternative shutdown analysis.
6. Piping and instrumentation (flow) diagrams showing the components used to achieve and maintain hot standby and cold shutdown for fires outside the control room and those components used for those areas requiring alternative shutdown capability.
7. Plant layout and equipment drawings which identify the physical plant locations of hot standby and cold shutdown equipment.
8. Plant layout drawings which identify plant fire area delineation, areas protected by automatic fire suppression and detection, and the locations of fire protection equipment.
9. Plant layout drawings which identify the general location of the post-fire emergency lighting units.
10. Plant operating procedures which would be used and describe shutdown from inside the control room with a postulated fire occurring in any plant area outside the control room, procedures which would be used to implement alternative shutdown capability in the event of a fire in either the control or cable spreading room.
11. Maintenance and surveillance testing procedures for alternative shutdown capability and fire barriers, detectors, pumps and suppression systems.
12. Maintenance procedures which routinely verify fuse breaker coordination in accordance with the post-fire safe shutdown coordination analysis.
13. A sample of significant fire protection and post-fire safe shutdown related design change packages and Generic Letter 86-10 evaluations.
14. The reactor plant's IPEEE, results of any post-IPEEE reviews, and listings of actions taken/plant modifications conducted in response to IPEEE information.
15. Temporary modification procedures.

16. Organization charts of site personnel down to the level of fire protection staff personnel.
17. If applicable, layout/arrangement drawings of potential reactor coolant/recirculation pump lube oil system leakage points and associated lube oil collection systems.
18. A listing of the SERs which form the licensing basis for the reactor plant's post-fire safe shutdown configuration.
19. Procedures/instructions that control the configuration of the reactor plant's fire protection program, features, and post-fire safe shutdown methodology and system design.
20. A list of applicable codes and standards related to the design of plant fire protection features and evaluations of code deviations.
21. Procedures/instructions that govern the implementation of plant modifications, maintenance, and special operations, and their impact on fire protection.
22. The three most recent fire protection QA audits and/or fire protection self-assessments.
23. Recent QA surveillances of fire protection activities.
24. A listing of open and closed fire protection condition reports (problem reports/NCRs/EARs/problem identification and resolution reports).
25. Listing of plant fire protection licensing basis documents.
26. A listing of the NFPA code versions committed to (NFPA codes of record).
27. A listing of plant deviations from code commitments.
28. Actual copies of Generic Letter 86-10 evaluations.