



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

September 2, 2008

Mr. Charles G. Pardee
Chief Nuclear Officer (CNO) and Senior Vice President
Exelon Generation Company, LLC
Chief Nuclear Officer (CNO)
AmerGen Energy Company, LLC
200 Exelon Way
Kennett Square, PA 19348

**SUBJECT: MID CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -
THREE MILE ISLAND**

Dear Mr. Pardee:

On August 11, 2008, the NRC staff completed its performance review of the Three Mile Island Nuclear Generating Station (Three Mile Island) for the first half of calendar year 2008 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous twelve months. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only – Security Information" will include the security cornerstone review and resultant inspection plan.

Plant performance for the most recent quarter of 2008 at Three Mile Island was within the Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through December 31, 2009. In addition to baseline inspections, we plan on conducting a steam generator replacement inspection and a license renewal inspection. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle review.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 610-337-5200 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA by Raymond J. Powell Acting for/

Ronald R. Bellamy, Ph.D., Chief
Division of Reactor Projects
Projects Branch 6

Docket No: 50-289
License No: DPR-50

Enclosure: Three Mile Island Inspection/ Activity Plan

cc w/encl:

Executive Vice President and Chief Operating Officer, Exelon Generation
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J. Powers, Director, PA Office of Homeland Security
R. French, Director, PA Emergency Management Agency

Three Mile Island
Inspection / Activity Plan
07/01/2008 - 12/31/2009

| Unit Number | Inspection Activity | Title | No. of Staff on Site | Planned Dates Start | Planned Dates End | Inspection Type |
|-------------|--|---|----------------------|---------------------|-------------------|--------------------------|
| | 7112201 - RETS | | 1 | | | |
| 1 | IP 7112201 | Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems | | 07/07/2008 | 07/11/2008 | Baseline Inspections |
| | TRI FIRE - TRIENNIAL FIRE PROTECTION INSPECTION | | 3 | | | |
| 1 | IP 7111105T | Fire Protection [Triennial] | | 08/25/2008 | 08/29/2008 | Baseline Inspections |
| 1 | IP 7111105T | Fire Protection [Triennial] | | 09/08/2008 | 09/12/2008 | Baseline Inspections |
| | EP - EP PROGRAM EVALUATION | | 1 | | | |
| 1 | IP 7111402 | Alert and Notification System Testing | | 09/07/2008 | 09/13/2008 | EP Baseline Inspection |
| 1 | IP 7111403 | Emergency Response Organization Augmentation Testing | | 09/07/2008 | 09/13/2008 | EP Baseline Inspection |
| 1 | IP 7111404 | Emergency Action Level and Emergency Plan Changes | | 09/07/2008 | 09/13/2008 | EP Baseline Inspection |
| 1 | IP 7111405 | Correction of Emergency Preparedness Weaknesses and Deficiencies | | 09/07/2008 | 09/13/2008 | EP Baseline Inspection |
| 1 | IP 71151-EP01 | Drill/Exercise Performance | | 09/07/2008 | 09/13/2008 | Baseline Inspections |
| 1 | IP 71151-EP02 | ERO Drill Participation | | 09/07/2008 | 09/13/2008 | Baseline Inspections |
| 1 | IP 71151-EP03 | Alert & Notification System | | 09/07/2008 | 09/13/2008 | Baseline Inspections |
| 1 | IP 71152 | Identification and Resolution of Problems | | 09/07/2008 | 09/13/2008 | Baseline Inspections |
| | TI 172 - TI 172 RCS DISSIMILAR METAL BUTT WELDS | | 1 | | | |
| 1 | IP 2515/172 | Reactor Coolant System Dissimilar Metal Butt Welds | | 09/15/2008 | 09/19/2008 | Generic Safety Inspectio |
| | 71121 - OCCUPATIONAL RAD PROT | | 1 | | | |
| 1 | IP 7112101 | Access Control to Radiologically Significant Areas | | 10/13/2008 | 10/17/2008 | Baseline Inspections |
| 1 | IP 7112102 | ALARA Planning and Controls | | 10/13/2008 | 10/17/2008 | Baseline Inspections |
| 1 | IP 7112103 | Radiation Monitoring Instrumentation and Protective Equipment | | 10/13/2008 | 10/17/2008 | Baseline Inspections |
| 1 | IP 71151-OR01 | Occupational Exposure Control Effectiveness | | 10/13/2008 | 10/17/2008 | Baseline Inspections |
| 1 | IP 71151-PR01 | RETS/ODCM Radiological Effluent | | 10/13/2008 | 10/17/2008 | Baseline Inspections |
| | TI 176 - TI 176 | | 1 | | | |
| 1 | IP 2515/176 | Emergency Diesel Generator Tech Spec Surveillance Requirements Re: Endurance & Margin Traction | | 10/20/2008 | 10/24/2008 | Generic Safety Inspectio |
| | TI 171 - TI 171 | | 3 | | | |
| 1 | IP 2515/171 | Verification of Site Specific Implementation Of B.5.b Phase 2 & 3 Mitigating Strategies | | 11/03/2008 | 11/07/2008 | Generic Safety Inspectio |
| | 71002 - LICENSE RENEWAL INSPECTION | | 6 | | | |
| 1 | IP 71002 | License Renewal Inspection | | 11/17/2008 | 11/21/2008 | License Renewal Inspe |
| 1 | IP 71002 | License Renewal Inspection | | 12/08/2008 | 12/12/2008 | License Renewal Inspe |
| | 7111111B - BIENNIAL REQUAL INSPECT WITH P/F RESULTS | | 3 | | | |
| 1 | IP 7111111B | Licensed Operator Requalification Program | | 03/09/2009 | 03/13/2009 | Baseline Inspections |
| | 5/25EXAM - OPERATOR LICENSING INITIAL EXAMS | | 4 | | | |
| 1 | U01760 | FY-09 THREE MILE ISLAND INITIAL OPERATOR LICENSINT EXAM | | 04/27/2009 | 05/01/2009 | Not Applicable |
| 1 | U01760 | FY-09 THREE MILE ISLAND INITIAL OPERATOR LICENSINT EXAM | | 05/25/2009 | 06/05/2009 | Not Applicable |

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

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|-------------|---|---|----------------------|---------------------|-------------------|------------------------|
| | 71121 - OCC RAD SAFETY | | 1 | | | |
| 1 | IP 7112101 | Access Control to Radiologically Significant Areas | | 03/09/2009 | 03/13/2009 | Baseline Inspections |
| 1 | IP 7112102 | ALARA Planning and Controls | | 03/09/2009 | 03/13/2009 | Baseline Inspections |
| 1 | IP 7112103 | Radiation Monitoring Instrumentation and Protective Equipment | | 03/09/2009 | 03/13/2009 | Baseline Inspections |
| | EP EXER - EP EXERCISE INSPECTION | | 2 | | | |
| 1 | IP 7111401 | Exercise Evaluation | | 04/12/2009 | 04/18/2009 | EP Baseline Inspection |
| 1 | IP 7111404 | Emergency Action Level and Emergency Plan Changes | | 04/12/2009 | 04/18/2009 | EP Baseline Inspection |
| 1 | IP 711151 | Performance Indicator Verification | | 04/12/2009 | 04/18/2009 | Baseline Inspections |
| | 71122 - RADWASTE | | 1 | | | |
| 1 | IP 7112101 | Access Control to Radiologically Significant Areas | | 05/18/2009 | 05/22/2009 | Baseline Inspections |
| 1 | IP 7112103 | Radiation Monitoring Instrumentation and Protective Equipment | | 05/18/2009 | 05/22/2009 | Baseline Inspections |
| 1 | IP 7112202 | Radioactive Material Processing and Transportation | | 05/18/2009 | 05/22/2009 | Baseline Inspections |
| | 7111121 - CDBI | | 6 | | | |
| 1 | IP 7111121 | Component Design Bases Inspection | | 06/01/2009 | 06/05/2009 | Baseline Inspections |
| 1 | IP 7111121 | Component Design Bases Inspection | | 06/15/2009 | 06/19/2009 | Baseline Inspections |
| 1 | IP 7111121 | Component Design Bases Inspection | | 06/22/2009 | 06/26/2009 | Baseline Inspections |
| | 71122 - REMP | | 1 | | | |
| 1 | IP 7112203 | Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program | | 06/08/2009 | 06/12/2009 | Baseline Inspections |
| | 50001 - S/G REPLACEMENT | | 2 | | | |
| 1 | IP 50001 | Steam Generator Replacement Inspection | | 08/17/2009 | 12/11/2009 | Other Routine |
| | 71121 - OCC RAD SAFETY | | 1 | | | |
| 1 | IP 50001 | Steam Generator Replacement Inspection | | 09/14/2009 | 09/18/2009 | Other Routine |
| 1 | IP 7112101 | Access Control to Radiologically Significant Areas | | 09/14/2009 | 09/18/2009 | Baseline Inspections |
| 1 | IP 7112102 | ALARA Planning and Controls | | 09/14/2009 | 09/18/2009 | Baseline Inspections |
| | 71121 - OCC RAD SAFETY | | 1 | | | |
| 1 | IP 50001 | Steam Generator Replacement Inspection | | 10/19/2009 | 10/23/2009 | Other Routine |
| 1 | IP 7112101 | Access Control to Radiologically Significant Areas | | 10/19/2009 | 10/23/2009 | Baseline Inspections |
| 1 | IP 7112102 | ALARA Planning and Controls | | 10/19/2009 | 10/23/2009 | Baseline Inspections |
| 1 | IP 7112103 | Radiation Monitoring Instrumentation and Protective Equipment | | 10/19/2009 | 10/23/2009 | Baseline Inspections |
| | 7111108P - INSERVICE INSPECTION | | 1 | | | |
| 1 | IP 7111108P | Inservice Inspection Activities - PWR | | 10/19/2009 | 10/23/2009 | Baseline Inspections |
| | 71121 - OCC RAD SAFETY | | 1 | | | |
| 1 | IP 50001 | Steam Generator Replacement Inspection | | 12/07/2009 | 12/11/2009 | Other Routine |
| 1 | IP 7112101 | Access Control to Radiologically Significant Areas | | 12/07/2009 | 12/11/2009 | Baseline Inspections |
| 1 | IP 7112102 | ALARA Planning and Controls | | 12/07/2009 | 12/11/2009 | Baseline Inspections |

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|-------------|---------------------|---|----------------------|---------------------|-------------------|----------------------|
| | 71121 | - OCC RAD SAFETY | 1 | | | |
| 1 | IP 7112103 | Radiation Monitoring Instrumentation and Protective Equipment | | 12/07/2009 | 12/11/2009 | Baseline Inspections |
| 1 | IP 71151 | Performance Indicator Verification | | 12/07/2009 | 12/11/2009 | Baseline Inspections |

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