



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION I
2100 RENAISSANCE BLVD., SUITE 100
KING OF PRUSSIA, PA 19406-2713

March 4, 2014

Mr. Lawrence Coyle
Site Vice President
Entergy Nuclear Northeast
James A. FitzPatrick Nuclear Power Plant
P. O. Box 110
Lycoming, NY 13093

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR JAMES A. FITZPATRICK NUCLEAR
POWER PLANT (REPORT 05000333/2013001)**

Dear Mr. Coyle:

On February 13, 2014, the U.S. Nuclear Regulatory Commission (NRC) completed its end-of-cycle performance review of James A. FitzPatrick Nuclear Power Plant (FitzPatrick). The NRC reviewed the most recent quarterly performance indicators in addition to inspection results and enforcement actions from January 1, 2013, through December 31, 2013. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined that overall, FitzPatrick operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at FitzPatrick during the most recent quarter was within the Regulatory Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix, because all inspection findings had very low safety significance (Green) and one performance indicator was of low to moderate safety significance (White) in the Initiating Events cornerstone. Specifically, the "Unplanned Power Changes per 7,000 Critical Hours" performance indicator exceeded the Green/White threshold value in the fourth quarter of 2012. In addition to baseline inspections, the NRC began a supplemental inspection for the White performance indicator on January 21, 2014, in accordance with Inspection Procedure (IP) 95001, "Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area." As of the date of this letter, this inspection has not yet been completed. The NRC will notify you of the results of this inspection via a separate inspection report which will be publically available. The performance indicator will continue to be a White ROP Action Matrix input until the performance indicator results allow it to transition below the Green/White threshold. The NRC will notify you via separate correspondence when the plant will transition to the Licensee Response Column.

As a result of the Safety Culture Common Language Initiative, the terminology and coding of cross-cutting aspects were revised. All cross-cutting aspects identified during inspections conducted in calendar year (CY) 2014 will reflect this revision to Inspection Manual Chapter (IMC) 0310. The CY 2013 end-of-cycle assessments were conducted using the IMC 0310 guidance in effect in CY 2013 (dated October 28, 2011). Cross-cutting aspects identified in 2013 using the 2013 terminology will be converted to the latest revision in accordance with the

cross-reference in IMC 0310 during the mid-cycle assessment review and evaluated for cross-cutting themes and potential substantive cross-cutting issues in accordance with IMC 0305.

The enclosed inspection plan lists the inspections scheduled through June 30, 2015. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-cycle performance review. In addition to baseline inspections, the NRC will perform IP 71003, "Post-Approval Site Inspection for License Renewal – Phase 2," and IP 60855.1, "Operation of an Independent Spent Fuel Storage Installation at Operating Plants." The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include security-related inspections, which will be sent via separate, non-publicly available correspondence.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, "Public Inspections, Exemptions, Requests for Withholding," of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of the NRC's Agencywide Document Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact Arthur Burritt at (610)337-5069 with any questions you have regarding this letter.

Sincerely,

/RA/

Michael L. Scott
Acting Director
Division of Reactor Projects

Docket No. 50-333
License No. DPR-59

Enclosure: Inspection Plan

cc w/encl: Distribution via ListServ

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| <input checked="" type="checkbox"/> SUNSI Review | | <input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive | | <input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available | |
| OFFICE | RI/DRP | RI/DRP | RI/DRP | | |
| NAME | TSetzer/TCS | ABurritt/ALB | MScott/MLS | | |
| DATE | 2/26/14 | 2/28/14 | 3/4/14 | | |

OFFICIAL RECORD COPY

FitzPatrick
Inspection / Activity Plan
01/01/2014 - 06/30/2015

| Unit Number | Planned Dates | | Inspection Activity | Title | No. of Staff on Site |
|-------------|---------------|------------|---|---|----------------------|
| | Start | End | | | |
| | | | 4/14EXAM - FITZPATRICK INITIAL EXAM | | 4 |
| 1 | 03/17/2014 | 03/21/2014 | U01887 | FY14-FITZPATRICK INITIAL OPERATOR LICENSING EXAM | |
| 1 | 04/14/2014 | 04/18/2014 | U01887 | FY14-FITZPATRICK INITIAL OPERATOR LICENSING EXAM | |
| | | | 95001 - SUPPLEMENTAL INSPECTION | | 1 |
| 1 | 01/20/2014 | 01/24/2014 | IP 95001 | Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area | |
| | | | 7111111B - FITZ REQUAL INSPECTION WITH P/F RESULTS | | 2 |
| 1 | 04/28/2014 | 05/02/2014 | IP 7111111B | Licensed Operator Requalification Program | |
| | | | 71152B - PI&R BIENNIAL | | 4 |
| 1 | 04/14/2014 | 04/19/2014 | IP 71152B | Problem Identification and Resolution | |
| 1 | 04/28/2014 | 05/03/2014 | IP 71152B | Problem Identification and Resolution | |
| | | | 71124 - RADIATION SAFETY INSPECTION | | 1 |
| 1 | 04/07/2014 | 04/11/2014 | IP 71124.01 | Radiological Hazard Assessment and Exposure Controls | |
| 1 | 04/07/2014 | 04/11/2014 | IP 71124.02 | Occupational ALARA Planning and Controls | |
| 1 | 04/07/2014 | 04/11/2014 | IP 71124.03 | In-Plant Airborne Radioactivity Control and Mitigation | |
| 1 | 04/07/2014 | 04/11/2014 | IP 71124.04 | Occupational Dose Assessment | |
| | | | 71124.08 - RADWASTE | | 1 |
| 1 | 05/05/2014 | 05/09/2014 | IP 71124.08 | Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation | |
| | | | 8/18EXAM - FITZPATRICK INITIAL EXAM (2) | | 4 |
| 1 | 08/25/2014 | 08/29/2014 | U01888 | FY14-FITZPATRICK INITIAL OPERATOR LICENSING EXAM (2ND) | |
| 1 | 09/22/2014 | 09/26/2014 | U01888 | FY14-FITZPATRICK INITIAL OPERATOR LICENSING EXAM (2ND) | |
| | | | 71124 - RADIATION SAFETY INSPECTION | | 1 |
| 1 | 05/19/2014 | 05/23/2014 | IP 71124.06 | Radioactive Gaseous and Liquid Effluent Treatment | |
| 1 | 05/19/2014 | 05/23/2014 | IP 71151 | Performance Indicator Verification | |
| | | | EP PROG - EP PROGRAM INSPECTION | | 1 |
| 1 | 07/07/2014 | 07/11/2014 | IP 7111402 | Alert and Notification System Testing | |
| 1 | 07/07/2014 | 07/11/2014 | IP 7111403 | Emergency Preparedness Organization Staffing and Augmentation System | |
| 1 | 07/07/2014 | 07/11/2014 | IP 7111405 | Correction of Emergency Preparedness Weaknesses and Deficiencies | |
| | | | 71124 - RADIATION SAFETY INSPECTION | | 1 |
| 1 | 07/14/2014 | 07/18/2014 | IP 71124.05 | Radiation Monitoring Instrumentation | |
| | | | 71003 - LR COMMITMENTS INSP PHASE 2 | | 4 |
| 1 | 08/11/2014 | 08/15/2014 | IP 71003 | Post-Approval Site Inspection for License Renewal | |
| 1 | 08/25/2014 | 08/29/2014 | IP 71003 | Post-Approval Site Inspection for License Renewal | |

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

Enclosure

FitzPatrick
Inspection / Activity Plan
01/01/2014 - 06/30/2015

| Unit Number | Planned Dates | | Inspection Activity | Title | No. of Staff on Site |
|-------------|---------------|------------|---|--|----------------------|
| | Start | End | | | |
| | | | TRI FI - TRIENNIAL FIRE PROTECTION | | 4 |
| 1 | 09/15/2014 | 09/19/2014 | IP 7111105T | Fire Protection [Triennial] | |
| 1 | 09/29/2014 | 10/03/2014 | IP 7111105T | Fire Protection [Triennial] | |
| | | | 71124 - RADIATION SAFETY | | 1 |
| 1 | 10/06/2014 | 10/10/2014 | IP 71124.01 | Radiological Hazard Assessment and Exposure Controls | |
| 1 | 10/06/2014 | 10/10/2014 | IP 71124.02 | Occupational ALARA Planning and Controls | |
| 1 | 10/06/2014 | 10/10/2014 | IP 71124.03 | In-Plant Airborne Radioactivity Control and Mitigation | |
| 1 | 10/06/2014 | 10/10/2014 | IP 71124.04 | Occupational Dose Assessment | |
| 1 | 10/06/2014 | 10/10/2014 | IP 71151 | Performance Indicator Verification | |
| | | | 7111108G - INSERVICE INSPECTION | | 1 |
| 1 | 10/13/2014 | 10/17/2014 | IP 7111108G | Inservice Inspection Activities - BWR | |
| | | | 71124 - RAD SAFETY INSP | | 1 |
| 1 | 11/17/2014 | 11/21/2014 | IP 71124.01 | Radiological Hazard Assessment and Exposure Controls | |
| 1 | 11/17/2014 | 11/21/2014 | IP 71124.02 | Occupational ALARA Planning and Controls | |
| 1 | 11/17/2014 | 11/21/2014 | IP 71124.05 | Radiation Monitoring Instrumentation | |
| | | | 71124 - RAD SAFETY INSPECTION | | 1 |
| 1 | 04/06/2015 | 04/10/2015 | IP 71124.01 | Radiological Hazard Assessment and Exposure Controls | |
| 1 | 04/06/2015 | 04/10/2015 | IP 71124.02 | Occupational ALARA Planning and Controls | |
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| 1 | 04/06/2015 | 04/10/2015 | IP 71124.04 | Occupational Dose Assessment | |
| 1 | 04/06/2015 | 04/10/2015 | IP 71151 | Performance Indicator Verification | |
| | | | ISFSI - ISFSI OPERATION INSPECTION | | 1 |
| 1 | 04/13/2015 | 04/17/2015 | IP 60855 | Operation Of An ISFSI | |
| 1 | 04/13/2015 | 04/17/2015 | IP 60855.1 | Operation of an Independent Spent Fuel Storage Installation at Operating Plants | |
| | | | MODS - PERMANENT PLANT MODIFICATIONS | | 3 |
| 1 | 06/01/2015 | 06/05/2015 | IP 7111117T | Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications | |
| | | | 7111107T - TRIENNIAL HEAT SINK | | 1 |
| 1 | 06/08/2015 | 06/12/2015 | IP 7111107T | Heat Sink Performance | |
| | | | MODS - PERMANENT PLANT MODIFICATIONS | | 3 |
| 1 | 06/15/2015 | 06/19/2015 | IP 7111117T | Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications | |

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