



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

November 3, 2016

Mr. Tom Ray
Site Vice President
Oconee Nuclear Station
Duke Energy Carolinas, LLC
7800 Rochester Highway
Seneca, SC 29672-0752

**SUBJECT: OCONEE NUCLEAR STATION - NOTIFICATION OF INSPECTION AND
REQUEST FOR INFORMATION**

Dear Mr. Ray:

The purpose of this letter is to notify you that the U.S. Nuclear Regulatory Commission (NRC) will perform a follow up inspection for a Severity Level III traditional enforcement violation (violation of each unit's NFPA 805 transition license condition 1) and Confirmatory Order EA-13-010 on the weeks of January 9 – 13, 2017 and January 23 – 27, 2017. The inspection team will be led by Mr. Reinaldo Rodriguez, a Senior Project Engineer from the NRC's Region II office. This inspection will be conducted in accordance with the inspection procedures 71111.05XT, "Fire Protection - NFPA 805 (Triennial)," dated January 31, 2013 and 92702, "Follow-up on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, Confirmatory Orders, and Confirmatory Orders Associated with the Alternative Dispute Resolution Process," dated January 10, 2008.

On October 5, 2016, Mr. Rodriguez confirmed with Mr. Christopher Wasik, of your staff, arrangements for the two-week onsite inspection.

The enclosure lists documents that will be needed prior to the inspection. Please have the referenced information available no later than December 9, 2016. Contact Mr. Rodriguez with any questions concerning the requested information. The inspectors will try to minimize your administrative burden by specifically identifying only those documents required for inspection preparation.

If additional documents are needed, they will be requested when identified. Prior to the onsite inspection, Mr. Rodriguez will discuss with your staff the following inspection support administrative details: availability of knowledgeable plant engineering and licensing personnel to serve as points of contact during the inspection; method of tracking inspector requests during the inspection; access to licensee computers; working space; arrangements for site access; and other applicable information.

T. Ray

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In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be 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).

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Thank you for your cooperation in this matter. If you have any questions regarding the information requested or the inspection, please contact Mr. Rodriguez at (404) 997-4498.

Sincerely,

/RA/

Frank Ehrhardt, Chief
Reactor Projects Branch 1
Division of Reactor Projects

Docket Nos.: 50-269, 50-270, 50-287
License Nos.: DPR-38, DPR-47, DPR-55

Enclosure:
Pre-Inspection Document Request

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OFFICE	RII:DRP	RII:DRP	RII:DRP		
NAME	RRodriguez	JWorosilo	FEhrhardt		
SIGNATURE	BJD4 /RA for/	JGW1	FJE		
DATE	11/03/2016	11/03/2016	11/03/2016		

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Letter to Tom Ray from Frank Ehrhardt dated November 3, 2016

SUBJECT: OCONEE NUCLEAR STATION - NOTIFICATION OF INSPECTION AND
REQUEST FOR INFORMATION

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Pre-Inspection Document Request

Licensee: Oconee Nuclear Station
Docket Numbers: 50-269, 270, and 287
Inspection Dates: January 9 – 13, 2017 and January 23 – 27, 2017

Inspection Procedures to be performed:

- 71111.05XT, Fire Protection - NFPA 805 (Triennial), dated January 31, 2013
- 92702, Follow-up on traditional enforcement actions including violations, deviations, Confirmatory Action Letters, Confirmatory Orders, and Confirmatory Orders associated with the Alternative Dispute Resolution process, dated January 10, 2008.

Please provide the requested documents in electronic format. If the information is not available in electronic format, please contact the inspection team leader to coordinate other available methods to provide the information. If you have any questions, please contact Reinaldo Rodriguez at 404-997-4498. Thank you in advance for all of your efforts in putting together this material.

General Information Request

1. Copy of the TS 3.7.10 and associated bases document.
2. UFSAR Chapter 9, Section 9.7.
3. Close-out packages for findings identified during the PSW milestone inspections condition reports.
4. List of condition reports that were initiated during the entire duration of the PSW project. List should specify if the CR is closed or still open.
5. PSW training modules incorporated in the training program (maintenance, operations, engineering fire brigade)
6. Copy of the root cause evaluation(s) associated with the licensee's failure to meet the January 1, 2013 PSW project implementation date.
7. Summary list of the human error basic events, (i.e., operator actions, either in the control room or outside) in the internal events and fire model. The list should include the basic event identifier, description, the mean value and distribution parameters (if used). This request is related to Table 2.9-1, "Implementation Items," Item 41 of the December 29, 2010, Oconee NFPA 805 safety evaluation report.
8. Copies of the Oconee PRA model fault trees that cover the PSW system or which invoke such PSW fault trees. If the fault trees are complex and involve more than 2 or 3 branches, then hardcopies on larger scale paper would be preferable rather than digital versions.
9. Top 100 cutsets of the new (i.e., post PSW implementation) Oconee PRA model, preferably including both internal events and fire modeling, highlighting the PSW basic events. If the PSW system doesn't show up in the top 100 cutsets or if there are only a "handful" of results, please expand to the top 1000.
10. Top 100 cutsets of the old (i.e., prior to PSW implementation) Oconee PRA model, preferably including both internal events and fire modeling.
11. Overall baseline CDF (& LERF if available) results for the new model.

Enclosure

12. Overall baseline CDF (& LERF if available) results for the old model. Or alternatively, if an old copy of the PRA model is difficult to obtain or has been affected by other changes in the plant (see information request immediately below), then please run the new model with PSW basic events set to "false."
13. If there have been other modifications, procedure changes, PRA modeling adjustment or basic event updates that occurred at the Oconee site in the past 5-6 years, AND those changes have affected the overall baseline CDF/LERF value by > 1%, provide a summary description of the change and a short qualitative description of how these either "real" or modeling changes are having an impact.
14. Provide supporting documentation that shows the full scope peer review of the revised fire PRA, as described in Table 2.9-1, "Implementation Items," Item 42 of the December 29, 2010, Oconee NFPA 805 safety evaluation report.
15. Provide PIP O-11-11789.