



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION I
475 ALLENDALE RD, STE 102
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

June 6, 2023

Bob Coffey
Executive Vice President, Nuclear Division
and Chief Nuclear Officer
Florida Power & Light Company
700 Universe Blvd.
Mail Stop: EX/JB
Juno Beach, FL 33408

SUBJECT: SEABROOK STATION, UNIT 1 – NOTIFICATION OF CONDUCT OF A FIRE PROTECTION TEAM INSPECTION

Dear Bob Coffey:

The purpose of this letter is to notify you that U.S. Nuclear Regulatory Commission (NRC) staff will conduct a fire protection team inspection at your Seabrook Station, Unit 1, starting in September 2023. The inspection will be conducted in accordance with Inspection Procedure 71111 Attachment 21N.05, "Fire Protection Team Inspection (FPTI)," dated January 1, 2020. The inspection team will be led by Manan Patel, a Senior Reactor Inspector from the NRC Region I Office.

The inspection will verify that plant structures, systems, and components, and/or administrative controls credited in the approved fire protection program can perform their licensing basis function.

The schedule for the inspection is as follows:

- Information Gathering Visit: August 8 – 11, 2023
- Onsite Inspection: Weeks of September 18, 2023 and October 2, 2023

The purpose of the information gathering visit is to obtain information and documentation needed to support the inspection and to become familiar with the station's fire protection program, fire protection features, post-fire safe shutdown capabilities, and plant layout. During the information gathering visit, the team leader will select the specific samples to be reviewed during the onsite inspection weeks.

The enclosure lists the types of documents that will be needed prior to the information gathering visit. Please provide the referenced information to the Region I office by July 28, 2023. Following sample selection, additional documents will be requested specific to those samples. Your cooperation and support during this inspection will be appreciated.

If you have questions concerning this inspection, or the inspection team's information request or logistical needs, please contact Manan Patel, Team Leader at (610) 337-5304, or via email at manan.patel@nrc.gov.

This letter does not contain new or amended information collection requirements subject to the *Paperwork Reduction Act of 1995* (44 U.S.C. 3501 et seq.). Existing information collection requirements were approved by the Office of Management and Budget, under Control Number 3150-0011. The NRC may not conduct or sponsor, and a person is not required to respond to, a request for information or an information collection requirement unless the requesting document displays a currently valid Office of Management and Budget control number.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations* (CFR) 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

Glenn T. Dentel, Chief
Engineering Branch 2
Division of Reactor Safety

Docket No. 05000443
License No. NPF-86

Enclosure:
Fire Protection Team Inspection Supporting
Documentation

cc: Distribution via LISTSERV®

SUBJECT: SEABROOK STATION, UNIT 1 – NOTIFICATION OF CONDUCT OF A FIRE PROTECTION TEAM INSPECTION, DATED JUNE 6, 2023

DISTRIBUTION:

- MPatel, DORS
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- RidsNrrDorlLp1 Resource

DOCUMENT NAME: <https://usnrc.sharepoint.com/teams/EngineeringBranch2/Shared Documents/Fire Protection/Fire Protection 90Day Letters/Seabrook/SB 2023 TFP 90-Day Letter.docx>
 ADAMS ACCESSION NUMBER: ML23157A072

<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/DORS	RI/DORS			
NAME	MPatel	GDentel			
DATE	6/2/2023	6/6/2023			

Fire Protection Team Inspection Supporting Documentation

If you have any questions regarding this information request, please contact Manan Patel at (610) 337-5304 or via email at manan.patel@nrc.gov.

Electronic format is preferred. If electronic media is made available via an internet-based document management system, then document access must allow inspectors to download, save, and print the documents in the NRC's Regional office. Paper records (hard copy) are acceptable. At the end of the inspection, the documents in the team's possession will not be retained.

This document request is based on *typical documents* that a generic plant might have. As such, this generic document request is not meant to imply that any specific plant is required to have all of the listed documents. It is recognized that some documents listed below may not be available for your plant. In addition, the document titles listed below are based on typical industry document names; your plant specific document titles may vary.

Note that following sample selection, additional documents will be requested specific to those samples.

Please provide these documents to the inspection team leader in the Region I Office by July 28, 2023:

1. Post-fire safe shutdown or Alternative Shutdown Analysis.
2. List of post-fire safe shutdown components (i.e., safe shutdown equipment list), if not already included in item (1) above.
3. Fire Hazards Analysis Report.
4. Fire Probabilistic Risk Assessment (PRA) Summary Document. If a Fire PRA is not available, please provide the Individual Plant Examination for External Events (Fire Chapter Only).
5. Fire Protection Program and/or Fire Protection Plan Document(s).
6. Fire Protection Program implementing procedures, if not already included in item (5). This could include procedures for programs such as transient combustible controls, hot work, etc.
7. Fire Protection Design Basis Document(s), if available.
8. List of all safety evaluations performed to support any plant modifications since July 2020. Include a short description and/or title of each evaluation.
9. List of all 10 CFR 50.59 applicability determinations and screens (date, number, title) performed since July 2020. Include a short description and/or title of each document.

Enclosure

10. List of all fire protection system impact screening reviews for any design changes, modifications, or temporary modifications completed since July 2020 (e.g., a Generic Letter 86-10 review, LS-AA-128 review, etc.). Include a short description and/or title of each review.
11. List of fire protection system, post-fire safe shutdown, or alternative shutdown design changes completed since July 2020. Include a short description and/or title of each change.
12. List of the top 25 highest fire core damage frequency scenarios, if available.
13. List of the top 25 highest fire large early release frequency scenarios, if available.
14. From your most recent site-specific PRA, *including* external events and fires (if available):
 - Two risk rankings of components: one sorted by Risk Achievement Worth and the other sorted by Birnbaum Importance
 - A list of the top 100 cut sets
15. Risk ranking of operator actions and/or recovery actions from your site-specific PRA sorted by Risk Achievement Worth.
16. List of current fire protection system impairments, including description.
17. List of time critical operator actions and associated program procedure.
18. One-line diagram of the electrical distribution system.
19. Copy of the Updated Final Safety Analysis Report.
20. Copy of the Technical Requirements Manual.
21. Copy of the Quality Assurance Program Manual (including specific fire protection Quality Assurance Manual, if applicable).
22. Copy of the Corrective Action Program Procedure(s).
23. List of station procedures used to respond to fire (i.e., Emergency Operating Procedures, Abnormal Operating Procedures, and Annunciator Response Procedures). Include the procedure number, title, and current revision.
24. List of open and closed condition reports for post-fire safe shutdown or alternative shutdown issues since July 2020 (e.g., issues affecting safe shutdown analysis, fire hazards analysis, safe shutdown operating procedures and/or training, timeline evaluations for operator actions, etc.). Include the issue report number and a brief description.
25. List of open and closed condition reports for fire protection system issues (e.g., fire pumps, detection, suppression, etc.) since July 2020. Include the issue report number and a brief description.

26. List of open and closed condition reports related to the fire brigade or fire drills since July 2017. Include the issue report number and a brief description.

27. Copies of the following condition reports:

02363880	02364481	02365206
02363938	02364484	02365234
02364079	02364558	02365235
02364099	02365147	

28. Copies of any self-assessments performed, and corrective action documents generated, in preparation for this fire protection team inspection.