



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION I
2100 RENAISSANCE BLVD.
KING OF PRUSSIA, PA 19406-2713

August 28, 2018

Mr. Mano Nazar
President and Chief Nuclear Officer
Nuclear Division
NextEra Energy Seabrook, LLC
Mail Stop: EX/JB
700 Universe Blvd.
Juno Beach, FL 33408

SUBJECT: SEABROOK STATION, UNIT NO. 1 UPDATED INSPECTION PLAN
(INSPECTION REPORT 05000443/2018005)

Dear Mr. Nazar:

The enclosed inspection plan lists the inspections scheduled through June 30, 2020, for Seabrook Station, Unit 1 (Seabrook). The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. In addition to baseline inspections, the NRC will also be performing Inspection Procedure (IP) 81311, "Physical Security Requirements for Independent Spent Fuel Storage Installations." Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

As previously noted in the February 28, 2018, annual assessment letter (Reports 05000443/2017006, 05000443/2017402, and 05000443/2017501; ADAMS Accession No. ML18053A751) regarding the Alkali-Silica Reaction (ASR) concrete issues, the NRC will continue to provide focused oversight of NextEra's assessment of ASR progression in Seabrook's concrete structures using baseline inspection Problem Identification and Resolution (PI&R) annual samples. While tentative dates for these ongoing inspections are included in the attached inspection schedule, we understand that your schedule is subject to change. We will coordinate closely with your ASR project management staff to select the most appropriate opportunities to inspect your activities.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 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 (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).

Please contact me at (610) 337-5200 with any questions you have regarding this letter.

Sincerely,

/RA/

Fred L. Bower, III, Chief
Project Branch 3
Division of Reactor Projects

Docket No. 50-443
License No. NPF-86

Enclosure:
Seabrook Inspection Plan

cc: Distribution via ListServ

SUBJECT: SEABROOK STATION, UNIT NO. 1 UPDATED INSPECTION PLAN
(INSPECTION REPORT 05000443/2018005) DATED AUGUST 28, 2018

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OFFICE	RI/DRP	RI/DRP	RI/DRS	RI/DRP	
NAME	CLally/CML via email	PMeier/PAM via email	MGray	FBower	
DATE	8/15/18	8/15/18	8/16/18	8/28/18	

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IP 22 Inspection Activity Plan Report

Seabrook

07/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
MC&A						1
1	07/16/2018	07/20/2018	IP 71130.11	000742	Material Control and Accounting (MC&A)	
PI&R BIENNIAL						4
1	07/23/2018	07/27/2018	IP 71152B	000747	Problem Identification and Resolution	
1	08/06/2018	08/10/2018	IP 71152B	000747	Problem Identification and Resolution	
RADWASTE						1
1	08/20/2018	08/24/2018	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
Annual PIR Sample - ASR						1
1	09/10/2018	09/28/2018	IP 71111.15	000708	Operability Determinations and Functionality Assessments	
1	09/10/2018	09/14/2018	IP 71152	000748	Problem Identification and Resolution	
UNIT 1 INSERVICE INSPECTION						1
1	10/08/2018	10/19/2018	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
HP						1
1	10/15/2018	10/19/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	10/15/2018	10/19/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	10/15/2018	10/19/2018	IP 71151	000746	Performance Indicator Verification	
RETS						1
1	01/28/2019	02/01/2019	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
Annual Sample - ASR						1
1	02/04/2019	02/08/2019	IP 71152	001339	Problem Identification and Resolution	
EP PROGRAM INSPECTION						2
1	04/08/2019	04/12/2019	IP 71114.02	000717	Alert and Notification System Testing	
1	04/08/2019	04/12/2019	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1	04/08/2019	04/12/2019	IP 71114.05	000720	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	04/08/2019	04/12/2019	IP 71151	001397	Performance Indicator Verification	
DESIGN BASES ASSURANCE INSP - TEAMS						6
1	04/15/2019	04/19/2019	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

IP 22 Inspection Activity Plan Report

Seabrook

07/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
DESIGN BASES ASSURANCE INSP - TEAMS						6
1	04/29/2019	05/03/2019	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
ACCESS CONTROL, PROTECTIVE STRATEGY, TSR						4
1	04/22/2019	04/26/2019	IP 71130.02	000734	Access Control	
1	04/22/2019	04/26/2019	IP 71130.05	000737	Protective Strategy Evaluation	
1	04/22/2019	04/26/2019	IP 71130.14	000743	Review of Power Reactor Target Sets	
1	04/22/2019	04/26/2019	IP 71151	001338	Performance Indicator Verification	
HP						1
1	05/13/2019	05/17/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	05/13/2019	05/17/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	05/13/2019	05/17/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	05/13/2019	05/17/2019	IP 71124.04	000729	Occupational Dose Assessment	
1	05/13/2019	05/17/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
REMP						1
1	07/15/2019	07/19/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program	
CYBER FULL IMP						2
1	07/15/2019	07/19/2019	IP 71130.10P	000741	Cyber Security	
1	07/29/2019	08/02/2019	IP 71130.10P	000741	Cyber Security	
Annual Sample - ASR						1
1	08/05/2019	08/09/2019	IP 71152	000748	Problem Identification and Resolution	
HP						1
1	09/09/2019	09/13/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	09/09/2019	09/13/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	09/09/2019	09/13/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	09/09/2019	09/13/2019	IP 71124.04	000729	Occupational Dose Assessment	
1	09/09/2019	09/13/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
HP						1
1	11/18/2019	11/22/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	11/18/2019	11/22/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	

IP 22 Inspection Activity Plan Report

Seabrook

07/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
HP						1
1	11/18/2019	11/22/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	11/18/2019	11/22/2019	IP 71124.04	000729	Occupational Dose Assessment	
1	11/18/2019	11/22/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1	11/18/2019	11/22/2019	IP 71151	000746	Performance Indicator Verification	
SEABROOK REQUAL INSP W/ P/F RESULTS						2
1	12/09/2019	12/13/2019	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance (Annual)	
1	12/09/2019	12/13/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	
Access Authorization and Control, FFD, SGI Control, and ISFSI						3
1	01/27/2020	01/31/2020	IP 71130.01	000733	Access Authorization	
1	01/27/2020	01/31/2020	IP 71130.02	000734	Access Control	
1	01/27/2020	01/31/2020	IP 71130.06	000738	Protection of Safeguards Information	
1	01/27/2020	01/31/2020	IP 71130.08	000740	Fitness For Duty Program	
1	01/27/2020	01/31/2020	IP 71151	001338	Performance Indicator Verification	
1	01/27/2020	01/31/2020	IP 81311	000831	Physical Security Requirements for Independent Spent Fuel Storage Installations	
Radwaste						1
1	02/03/2020	02/07/2020	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
ISI - UNIT 1						1
1	04/06/2020	04/17/2020	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
HP						1
1	05/11/2020	05/15/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	05/11/2020	05/15/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS						7
1	06/15/2020	06/19/2020	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	