



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

November 7, 2022

Mr. Michael Strope
Site Vice President
NextEra Energy Point Beach, LLC
6610 Nuclear Road
Two Rivers, WI 54241-9516

SUBJECT: POINT BEACH NUCLEAR PLANT – INTEGRATED INSPECTION REPORT
05000266/2022003 AND 05000301/2022003

Dear Mr. Strope:

On September 30, 2022, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Point Beach Nuclear Plant. On October 17, 2022, the NRC inspectors discussed the results of this inspection with Mr. J. Bryant, Maintenance Site Director, and other members of your staff. The results of this inspection are documented in the enclosed report.

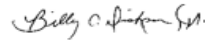
One finding of very low safety significance (Green) is documented in this report. This finding involved a violation of NRC requirements. We are treating this violation as a non-cited violation (NCV) consistent with Section 2.3.2 of the Enforcement Policy.

If you contest the violation or the significance or severity of the violation documented in this inspection report, you should provide a response within 30 days of the date of this inspection report, with the basis for your denial, to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001; with copies to the Regional Administrator, Region III; the Director, Office of Enforcement; and the NRC Resident Inspector at Point Beach Nuclear Plant.

If you disagree with a cross-cutting aspect assignment in this report, you should provide a response within 30 days of the date of this inspection report, with the basis for your disagreement, to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001; with copies to the Regional Administrator, Region III; and the NRC Resident Inspector at Point Beach Nuclear Plant.

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* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,



Signed by Dickson, Billy
on 11/07/22

Billy Dickson, Chief
Reactor Projects Branch 2
Division of Operating Reactor Safety

Docket Nos. 05000266 and 05000301
License Nos. DPR-24 and DPR-27

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV®

Letter to Michael Strope from Billy Dickson dated November 7, 2022.

SUBJECT: POINT BEACH NUCLEAR PLANT – INTEGRATED INSPECTION REPORT
05000266/2022003 AND 05000301/2022003

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**U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report**

Docket Numbers: 05000266 and 05000301

License Numbers: DPR-24 and DPR-27

Report Numbers: 05000266/2022003 and 05000301/2022003

Enterprise Identifier: I-2022-003-0052

Licensee: NextEra Energy Point Beach, LLC

Facility: Point Beach Nuclear Plant

Location: Two Rivers, WI

Inspection Dates: July 01, 2022 to September 30, 2022

Inspectors: J. Cassidy, Senior Health Physicist
T. Hartman, Senior Resident Inspector
V. Petrella, Resident Inspector

Approved By: Billy Dickson, Chief
Reactor Projects Branch 2
Division of Operating Reactor Safety

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee’s performance by conducting an integrated inspection at Point Beach Nuclear Plant, in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC’s program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information.

List of Findings and Violations

Failure to Implement the Alpha Monitoring Program			
Cornerstone	Significance	Cross-Cutting Aspect	Report Section
Occupational Radiation Safety	Green NCV 05000266,05000301/2022003-01 Open/Closed	[H.13] - Consistent Process	71124.01
<p>The inspectors identified a finding of very low safety significance with an associated non-cited violation of 10 CFR 20.1501(a) for the failure to perform surveys to ensure compliance with 10 CFR 20.1902(d), posting of airborne radioactivity areas during the Unit 1 R40 refueling outage. Specifically, the licensee failed to assess loose contamination and/or airborne radioactivity for alpha emitting radionuclides even in systems and areas that the licensee determined the contamination contained significant contributions of alpha emitting radionuclides. Analysis performed to address the inspectors' issue of concern identified areas that should have been posted as airborne radioactivity areas but were not.</p>			

Additional Tracking Items

Type	Issue Number	Title	Report Section	Status
URI	05000266/2022002-03	Alpha Monitoring Program	71124.01	Closed

PLANT STATUS

Unit 1 began the inspection period at rated thermal power and remained at or near full power throughout the remainder of the inspection period.

Unit 2 began the inspection period at rated thermal power. On September 7, 2022, the unit was reduced to approximately 61 percent rated thermal power to support main turbine stop valve testing. The unit returned to full power on September 8, 2022, and remained at or near full power throughout the remainder of the inspection period.

INSPECTION SCOPES

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. Currently approved IPs with their attached revision histories are located on the public website at <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter (IMC) 2515, "Light-Water Reactor Inspection Program - Operations Phase." The inspectors performed activities described in IMC 2515, Appendix D, "Plant Status," observed risk significant activities, and completed on-site portions of IPs. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards.

REACTOR SAFETY

71111.01 - Adverse Weather Protection

External Flooding Sample (IP Section 03.03) (1 Sample)

- (1) The inspectors evaluated that flood protection barriers, mitigation plans, procedures, and equipment are consistent with the licensee's design requirements and risk analysis assumptions for coping with external flooding on September 8, 2022.

71111.04 - Equipment Alignment

Partial Walkdown Sample (IP Section 03.01) (6 Samples)

The inspectors evaluated system configurations during partial walkdowns of the following systems/trains:

- (1) Unit 1 safety injection train A on July 6, 2022
- (2) G-03 emergency diesel generator fuel oil system, starting air system, and the glycol cooling system on July 15, 2022
- (3) Unit 1 turbine-driven auxiliary feedwater system on July 25, 2022
- (4) Unit 2 motor driven auxiliary feedwater system on August 31, 2022
- (5) Unit 1 motor driven auxiliary feedwater system on September 1, 2022
- (6) Unit 1 service water system on September 9, 2022

Complete Walkdown Sample (IP Section 03.02) (1 Sample)

- (1) The inspectors evaluated system configurations during a complete walkdown of the Unit 2 safety injection system on July 29, 2022.

71111.05 - Fire Protection

Fire Area Walkdown and Inspection Sample (IP Section 03.01) (3 Samples)

The inspectors evaluated the implementation of the fire protection program by conducting a walkdown and performing a review to verify program compliance, equipment functionality, material condition, and operational readiness of the following fire areas:

- (1) fire zones 304S and 304N on July 26, 2022
- (2) fire zones 305, 306, 307, 308, and 309 on July 26, 2022
- (3) fire zones 318, 326, 333, 334, 335, 336, and 337 on July 26, 2022

71111.06 - Flood Protection Measures

Inspection Activities - Internal Flooding (IP Section 03.01) (1 Sample)

The inspectors evaluated internal flooding mitigation protections in the:

- (1) vital switchgear room and the G-01/G-02 emergency diesel generator rooms

71111.11Q - Licensed Operator Requalification Program and Licensed Operator Performance

Licensed Operator Performance in the Actual Plant/Main Control Room (IP Section 03.01) (1 Sample)

- (1) The inspectors observed and evaluated licensed operator performance in the control room during service water pump testing and Unit 2 power ascension following turbine stop valve testing on September 8, 2022.

Licensed Operator Requalification Training/Examinations (IP Section 03.02) (1 Sample)

- (1) The inspectors observed and evaluated simulator training on September 7, 2022.

71111.13 - Maintenance Risk Assessments and Emergent Work Control

Risk Assessment and Management Sample (IP Section 03.01) (2 Samples)

The inspectors evaluated the accuracy and completeness of risk assessments for the following planned and emergent work activities to ensure configuration changes and appropriate work controls were addressed:

- (1) reduced margin for standby emergency power due to G-01 emergency diesel generator maintenance on August 23, 2022
- (2) increased risk due to the working area having dose rates greater than 1000 mrem/hr on September 15, 2022

71111.15 - Operability Determinations and Functionality Assessments

Operability Determination or Functionality Assessment (IP Section 03.01) (4 Samples)

The inspectors evaluated the licensee's justifications and actions associated with the following operability determinations and functionality assessments:

- (1) through-wall leak on the service water strainer blowdown line
- (2) both starting air compressors for G-04 emergency diesel generator broken
- (3) Unit 2 containment cooler liquid monitor sample flow indicator grass fouled
- (4) Unit 1 pressurizer level indication has oscillations

71111.19 - Post-Maintenance Testing

Post-Maintenance Test Sample (IP Section 03.01) (7 Samples)

The inspectors evaluated the following post-maintenance testing activities to verify system operability and/or functionality:

- (1) testing for work order 40792841-01 after the calibration of the 2Y-02 blue 120V vital instrument panel voltmeter on July 7, 2022
- (2) 2RMP 9329-1, 2P-15A Safety Injection Pump Motor Relay Testing and Calibration, after calibration and testing of the safety injection pump motor relays on July 14, 2022
- (3) IT 08A, Cold Start of Turbine-Driven Auxiliary Feed Pump and Valve Test (Quarterly) Unit 1, after the replacement of 1SAF-04000 open contactor on July 21, 2022
- (4) TS 82, Emergency Diesel Generator G-02 Monthly, after replacement of the G-02 exhaust piping on July 21, 2022
- (5) 0-PT-FP-002, Diesel Engine-Driven Fire Pump Functional Test, after replacement of the diesel fire pump expansion joint on July 28, 2022
- (6) testing for work order 40833860-03 after the replacement and calibration of the T-31A diesel generator day tank high/low level switch on July 28, 2022
- (7) testing for work order 40748474-04 after the video probe inspection of HX-13A spent fuel pool heat exchanger, on August 16, 2022

71111.22 - Surveillance Testing

The inspectors evaluated the following surveillance testing activities to verify system operability and/or functionality:

Surveillance Tests (other) (IP Section 03.01) (2 Samples)

- (1) 1ICP 02.002WH, Reactor Protection and Engineered Safety Features White Channel Analog Surveillance Test on July 19, 2022
- (2) IT 07A, P-32A Service Water Pump (Quarterly), IT 07B, P-32B Service Water Pump (Quarterly), and IT 07C, P-32C Service Water Pump (Quarterly), on September 8, 2022

Inservice Testing (IP Section 03.01) (1 Sample)

- (1) IT 02 Train A, High Head Safety Injection Pumps and Valves Train A Unit 2, on July 13, 2022

RADIATION SAFETY

71124.01 - Radiological Hazard Assessment and Exposure Controls

Radiological Hazard Assessment (IP Section 03.01) (1 Sample)

- (1) The inspectors evaluated how the licensee identifies the magnitude and extent of radiation levels and the concentrations and quantities of radioactive materials and how the licensee assesses radiological hazards.

71124.06 - Radioactive Gaseous and Liquid Effluent Treatment

Walkdowns and Observations (IP Section 03.01) (3 Samples)

The inspectors evaluated the following radioactive effluent systems during walkdowns:

- (1) drumming area ventilation system
- (2) gas stripper building exhaust ventilation
- (3) Unit 1 service water discharge header

Sampling and Analysis (IP Section 03.02) (5 Samples)

Inspectors evaluated the following effluent samples, sampling processes and compensatory samples:

- (1) gas stripper building ventilation - particulate and iodine sample
- (2) Unit 1 service water discharge
- (3) Unit 2 service water discharge
- (4) drumming area vent - particulate, iodine, tritium and SPING samples
- (5) Unit 1 steam generator blowdown grab sample

Dose Calculations (IP Section 03.03) (2 Samples)

The inspectors evaluated the following dose calculations:

- (1) Unit 1 containment forced vent - gaseous permit number 22-00089B
- (2) Unit 1 hotwell discharge – August 2, 2021

Abnormal Discharges (IP Section 03.04) (1 Sample)

The inspectors evaluated the following abnormal discharges:

- (1) Unit 1 hotwell discharge - August 2, 2021

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

MS06: Emergency AC Power Systems (IP Section 02.05) (2 Samples)

- (1) Unit 1 (July 1, 2021 through June 30, 2022)
- (2) Unit 2 (July 1, 2021 through June 30, 2022)

MS07: High Pressure Injection Systems (IP Section 02.06) (2 Samples)

- (1) Unit 1 (July 1, 2021 through June 30, 2022)
- (2) Unit 2 (July 1, 2021 through June 30, 2022)

MS08: Heat Removal Systems (IP Section 02.07) (2 Samples)

- (1) Unit 1 (July 1, 2021 through June 30, 2022)
- (2) Unit 2 (July 1, 2021 through June 30, 2022)

BI01: Reactor Coolant System (RCS) Specific Activity Sample (IP Section 02.10) (2 Samples)

- (1) Unit 1 (July 1, 2021 through June 30, 2022)
- (2) Unit 1 (July 1, 2021 through June 30, 2022)

OR01: Occupational Exposure Control Effectiveness Sample (IP Section 02.15) (1 Sample)

- (1) July 1, 2021 through March 31, 2022

PR01: Radiological Effluent Technical Specifications/Offsite Dose Calculation Manual
Radiological Effluent Occurrences (RETS/ODCM) Radiological Effluent Occurrences Sample
(IP Section 02.16) (1 Sample)

- (1) July 1, 2021 through June 30, 2022

INSPECTION RESULTS

Failure to Implement the Alpha Monitoring Program			
Cornerstone	Significance	Cross-Cutting Aspect	Report Section
Occupational Radiation Safety	Green NCV 05000266,05000301/2022003-01 Open/Closed	[H.13] - Consistent Process	71124.01
The inspectors identified a finding of very low safety significance with an associated non-cited violation of 10 CFR 20.1501(a) for the failure to perform surveys to ensure compliance with 10 CFR 20.1902(d) posting of airborne radioactivity areas during the Unit 1 R40 refueling outage. Specifically, the licensee failed to assess loose contamination and/or airborne radioactivity for alpha emitting radionuclides even in systems and areas that the licensee determined the contamination contained significant contributions of alpha emitting radionuclides. Analysis performed to address the inspectors' issue of concern identified areas that should have been posted as airborne radioactivity areas but were not.			
<u>Description:</u> Alpha emitting radionuclides have a significantly lower annual limit on intake than beta-gamma emitting radionuclides that might be present at a nuclear power plant. While the			

processes used to identify, monitor, and control alpha contamination are similar to those used for beta-gamma emitting contamination, the instrumentation used for alpha contamination is often different and the time needed to measure alpha contamination is often much longer than the count times normally used for beta-gamma contamination. Consequently, nuclear power plants typically perform detailed evaluations of plant systems and areas and determine the ratio of beta-gamma contamination to alpha contamination. The results of this assessment identify circumstances where the controls normally used for beta-gamma contamination may no longer be effective for the contamination hazards in zones or systems with relatively low ratios of beta-gamma to alpha contamination. Some additional actions and controls typically used in areas with relatively low ratios of beta-gamma to alpha contamination include the use of breathing zone or lapel air samplers as dosimeters to estimate the intake of radioactive material taken into the body and additional calculations of whole body counter results as this equipment does not detect alpha emitting radionuclides.

The inspectors reviewed licensee Technical Evaluation titled "Site Alpha Characterization Update" completed by the licensee's Health Physics staff on April 4, 2022 (HP-100-032922). The evaluation identified that the reactor coolant system, residual heat removal system, and chemical & volume control system for both units were characterized as alpha level 2 (Significant) for both units. The safety injection system for both units and the shared systems of spent fuel and radwaste processing were characterized as alpha level 3 (Elevated). However, another section of the same evaluation report appeared to have contradictory information, summarizing the activity ratios for each unit, and concluding that the most recent classification was alpha level 1 (Minimal).

While observing work activities that were in progress during the refueling outage, the inspectors identified that the licensee's work controls and exposure monitoring seemed to be more consistent with the summarized (Alpha Level 1) information rather than the characterization for the systems that were being worked. Specifically, the inspectors observed: (1) work activities in the Unit 1 keyway (under vessel), (2) replacement of the resistance temperature detector (RTD) manifold from the reactor coolant system, (3) opening the steam generator manways with diaphragm removal, and (4) spent fuel pool work. Based on the inspectors' observations and discussions with the licensee, the licensee was unable to demonstrate whether the radiological controls implemented to protect workers and monitor possible internal exposure were effective for the alpha contamination hazards present in these work areas.

The licensee subsequently provided detailed assessments of radiological surveys, including air samples data, for the work activities observed. The surveys requested by the inspectors were not evaluated for alpha emitting nuclides until after the NRC request, despite work involving Alpha Level 2 systems being performed 10 days earlier. After the evaluation was completed, airborne radioactive material existed in concentrations in excess of the derived air concentrations (DACs) specified in Appendix B, to §§ 20.1001-20.2401. As a result, there were areas with airborne radioactivity hazards that were not properly posted to alert personnel to the presence of radiological hazards and to aid them in minimizing exposures.

Corrective Actions: The licensee evaluated the inspectors' observations and determined several actions were needed to correct the issues. Specifically, the licensee changed the as low as (is) reasonably achievable (ALARA) pre-job planning process to determine the alpha level based on the system to be worked and initiated a training work request to review alpha knowledge gaps and develop training to close the gaps. Additionally, the licensee is performing benchmarking for best practices in alpha characterization, revising the alpha

characterization report to include these best practices, and revising processes for air sample documentation.

Corrective Action References: AR 02432779

Performance Assessment:

Performance Deficiency: The inspectors identified a finding of very low safety significance with an associated Non-Cited Violation of 10 CFR 20.1501(a) for the failure to perform surveys to ensure compliance with 10 CFR 20.1902(d) posting of airborne radioactivity areas during the Unit 1 R40 refueling outage.

Screening: The inspectors reviewed the guidance in IMC 0612, Appendix E, "Examples of Minor Issues," and did not find any similar examples. The performance deficiency was determined to be of more than minor safety significance in accordance with IMC 0612, Appendix B, "Issue Screening," because it was associated with the program and process attribute of the Occupational Radiation Safety cornerstone and adversely affected the cornerstone objective of ensuring adequate protection of worker health and safety from exposure to radiation, in that inaccurate radiation monitoring affects the licensee's ability to control and limit radiation exposures.

Significance: The inspectors assessed the significance of the finding using IMC 0609 Appendix C, "Occupational Radiation Safety SDP." Specifically, the inspectors determined that this finding is of very low safety significance (Green) because the performance deficiency was not related to ALARA, did not result in an overexposure nor a substantial potential for an overexposure, and the ability to assess dose was not compromised.

Cross-Cutting Aspect: H.13 - Consistent Process: Individuals use a consistent, systematic approach to make decisions. Risk insights are incorporated as appropriate. Specifically, the license did not have a consistent process to incorporate the anticipated contribution of alpha emitting nuclides in the ALARA pre-job planning activities to ensure radiation work permits and instructions to radiation protection technicians include risk insights to these hazards.

Enforcement:

Violation: Title 10 of the *Code of Federal Regulations* Part 20.1501 requires that each licensee make, or cause to be made, surveys that may be necessary for the licensee to comply with the regulations in Part 20 and that are reasonable under the circumstances to evaluate the extent of radiation levels, concentrations or quantities of radioactive materials, and the potential radiological hazards that could be present. Pursuant to 10 CFR 20.1003, survey means an evaluation of the radiological conditions and potential hazards incident to the production, use, transfer, release, disposal, or presence of radioactive material or other sources of radiation.

Title 10 of the *Code of Federal Regulations* Part 20.1902(d) requires the licensee to post each airborne radioactivity area with a conspicuous sign or signs bearing the radiation symbol and the words "CAUTION, AIRBORNE RADIOACTIVITY AREA" or "DANGER, AIRBORNE RADIOACTIVITY AREA".

Contrary to the above, as of April 7, 2022, the licensee did not make surveys to assure compliance with 10 CFR 20.1902, which requires the licensee to post each airborne radioactivity area with a conspicuous sign or signs bearing the radiation symbol and the words "CAUTION, AIRBORNE RADIOACTIVITY AREA" or "DANGER, AIRBORNE

RADIOACTIVITY AREA". Although samples were collected, they were not evaluated for alpha emitting radionuclides. Consequently, areas in which airborne radioactive materials, composed wholly or partly of licensed material, existed in concentrations in excess of the derived air concentrations (DACs) specified in Appendix B, to §§ 20.1001-20.2401 and not posted with the words "CAUTION, AIRBORNE RADIOACTIVITY AREA" or "DANGER, AIRBORNE RADIOACTIVITY AREA".

Enforcement Action: This violation is being treated as a non-cited violation, consistent with Section 2.3.2 of the Enforcement Policy.

The disposition of this finding and associated violation closes URI: 05000266/2022002-03.

URI	Alpha Monitoring Program URI 05000266/2022002-03	71124.01
Description: A finding/violation was identified as described above.		

EXIT MEETINGS AND DEBRIEFS

The inspectors verified no proprietary information was retained or documented in this report.

- On October 17, 2022, the inspectors presented the integrated inspection results to Mr. J. Bryant, Maintenance Site Director, and other members of the licensee staff.
- On July 14, 2022, the inspectors presented the radiation protection inspection results to Mr. M. Strobe, Site Vice President, and other members of the licensee staff.
- On September 6, 2022, the inspectors presented the radiation protection inspection results to Mr. D. Peterson, Radiation Protection and Chemistry Manager, and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71111.01	Miscellaneous	PBF-2124A	Mean Converted Lake Level Calculation	08/27/2022
	Procedures	NP 8.4.17	PBNP Flooding Program	36
		RMP 9422	Circulating Water Pumphouse and Turbine Hall Barrier Placement	2
71111.04	Corrective Action Documents Resulting from Inspection	AR 2431752	Guarded Equipment Postings Related to G-02 Outage	07/11/2022
		AR 2434707	Anchor SI-1501R-2-2H3 Not Labeled on Isometric Drawing P-220	08/19/2022
		AR 2436394	M-207 - Service Water Sys.	09/09/2022
		AR 2437178	Drawing Error Identified	09/19/2022
	Drawings	110E017 Sheet 1	P&ID Safety Injection System Point Beach N.P. Unit 1	61
		110E017 Sheet 2	P&ID Safety Injection System Point Beach N.P. Unit 1	67
		110E035 Sheet 1	P&ID Safety Injection System Point Beach N.P. Unit 2	56
		110E035 Sheet 2	P&ID Safety Injection System Point Beach N.P. Unit 2	61
		M-201 Sheet 1	P&ID Main & Reheat Steam System Point Beach N.P. Unit 1	62
		M-202 Sheet 2	Feedwater System Point Beach N.P. Unit 1	56
		M-207 Sheet 1	P&ID Service Water Point Beach N.P. Unit 1	91
		M-207 Sheet 1A	P&ID Service Water Point Beach N.P. Unit 1	45
		M-207 Sheet 3	P&ID Service Water Point Beach N.P. Unit 1	74
		M-207 Sheet 4	P&ID Service Water System Point Beach N.P. Unit 1	30
		M-209 Sheet 14	P&ID Starting & Service Air System Diesel Generator Building Point Beach N.P. Unit 1 & 2	13
		M-217 Sheet 1	P&ID Auxiliary Feedwater System Point Beach N.P. Unit 1 & 2	107
		M-217 Sheet 3	P&ID Auxiliary Feedwater System Point Beach N.P. Unit 1	9
		M-219 Sheet 3	P&ID Fuel Oil System Diesel Generator Building Point Beach N.P. Unit 1 & 2	17
		M-2202 Sheet 2	P&ID Feedwater System Point Beach N.P. Unit 2	58
		M-2217	P&ID Auxiliary Feedwater System Point Beach N.P. Unit 2	7
		M-227 Sheet 1	P&ID Glycol Cooling System Diesel Generator Building Point Beach N.P. Unit 1 & 2	12
		P-202	Suction From RWST to SI, CS, RHR Pumps Point Beach	17

			N.P. Unit 2	
		P-219	Safety Injection Pump Discharge to Injection SI-1501R-1 and SI-1501R-3 Point Beach N.P. Unit 2	14
		P-220	Safety Injection Pump Discharge to Injection Line SI-1501R-1 and SI-1501R-2 Point Beach N.P. Unit 2	16
71111.05	Corrective Action Documents Resulting from Inspection	AR 2433350	PFP-0-CB - Pre-Fire Plan Control Building Elev 8 ft, 26 ft	08/02/2022
		AR 2433360	NRC Question: PFP-0-CB	08/02/2022
	Fire Plans	PFP-0-CB	Pre-Fire Plan Control Building Elev 8 ft, 26 ft, 44 ft and 66 ft	5
71111.06	Calculations	2014-0007	Allowable Flood Levels	4
	Corrective Action Documents Resulting from Inspection	AR 2438281	Assumption for Consideration to be Added to Calc 2014-0007	09/29/2022
	Procedures	OM 4.3.8	Control of Time Critical and Time Sensitive Operator Actions	18
71111.11Q	Miscellaneous	PBN LOC 22E 003S	Loss of Heat Sink	0
	Procedures	OP 2D Unit 2	Power Operation Maneuvering - Unit 2	4
		OP-AA-100-1000	Conduct of Operations	35
71111.13	Miscellaneous		Work Activity Risk Management Plan for the G-01 Emergency Diesel Generator 2YR PMs and Governor Replacement	08/23/2022
			PDC for the Work Activity of Obtain Samples of Unit 1 Containment Filter and Two Unit 2 Containment Filters	09/15/2022
71111.15	Corrective Action Documents	AR 2431108	Through Wall Leak Found on Service Water Zurn Blowdown Line	06/30/2022
		AR 2431420	15/K-4D Speed Switch Seized	07/06/2022
		AR 2435318	Flow Indicator Grass Fouled	08/28/2022
		AR 2437981	1L426 - Level Oscillations	09/26/2022
	Corrective Action Documents Resulting from Inspection	AR 2438281	Assumption for Consideration to be Added to CALC 2014-007	09/29/2022
	Drawings	M-207 Sheet 1	P&ID Service Water Point Beach N.P. Unit 1	91
		M-2206, Sh. 2	P&ID Service Water System	19

	Miscellaneous		Station Log - Swing Shift	07/06/2022
			Station Log - Day Shift	07/07/2022
71111.19	Corrective Action Documents	AR 2432033	Data Lost for Procedure in DWP	07/14/2022
	Corrective Action Documents Resulting from Inspection	AR 2434874	Recorded Data Discrepancy	08/22/2022
		AR 2435753	Work Orders Tasks Stuck in Closeout Review	09/01/2022
	Work Orders	WO 40737837	TS-82, G-02 EDG Operability Test (PMT)	08/03/2022
		WO 40748474	HX-13A GL 89-13 Video-Probe Inspection Shell Side	09/06/2022
		WO 40786287	2A52-74 - Calibrate and Test 2P-15A Breaker Relays	07/14/2022
		WO 40792841	2Y-02-VM; Panel Voltmeter Calibration	07/07/2022
		WO 40794524	P-035B-E Maintain, Clean and Lubricate Engine	07/29/2022
		WO 40824285	XJ-03772: Replace Expansion Joint	07/28/2022
		WO 40833860	Spurious T-31A EDG Day Tank Level Alarms	07/28/2022
		WO 40835170	1AF-4000; 1P-29 AFP Disch SG B Inlet MOV Fails to Open	07/21/2022
71111.22	Corrective Action Documents	AR 2432320	Calculation Accuracies and Associated Issues	07/19/2022
		AR 2436294	Step Change in P-32A SWP Vibration Readings During IT-07A	09/08/2022
		AR 2436300	P-32C SWP Flow was 63 GPM Above the Alert Range	09/08/2022
		PCR 2432336	1ICP 02.001WH - Reactor Protection and Engineered Safety Fea	07/19/2022
	Corrective Action Documents Resulting from Inspection	AR 2436304	IT 07A - P-32A Service Water Pump (Quarterly)	09/08/2022
		AR 2436305	IT 07B - P-32B Service Water Pump (Quarterly)	09/08/2022
		AR 2436306	IT 07C - P-32C Service Water Pump (Quarterly)	09/08/2022
		AR 2436307	IT 07D - P-32D Service Water Pump (Quarterly)	09/08/2022
		AR 2436308	IT 07E - P-32E Service Water Pump (Quarterly)	09/08/2022
		AR 2436309	IT 07F - P-32F Service Water Pump (Quarterly)	09/08/2022
Procedures	1ICP 02.001WH	Reactor Protection and Engineered Safety Features White Channel Analog Surveillance Test	26	
Work Orders	WO 40793373	IT 02 Train A	07/14/2022	
	WO 40802473	IT-07A, P-32A Service Water Pump Test	09/09/2022	
	WO 40802474	IT-07B, P-32B Service Water Pump Test	09/09/2022	
	WO 40802475	IT-07C, P-32C Service Water Pump Test	09/09/2022	
71124.01	Miscellaneous		U1R40 Alpha Monitoring Review	06/16/2022

		DXW06GY	Personnel Contamination Event Package	03/27/2022
		HP-100-02118 R0	Prospective Evaluation for Dose Monitoring	02/01/2018
		JXF0CU9	Personnel Contamination Event Package	03/27/2022
	Procedures	HPIP 3.52	Airborne Radioactivity Surveys	48
		HPIP 3.53	Counting of Air Sampling for Low Level, Long-Lived Radioactive Alpha Particulate Contamination	19
		RP-AA-102-1000	Alpha Monitoring	6
	Radiation Surveys	Air Sample 30-050	Airborne Radioactivity Survey - Keyway Access Back-up	03/27/2022
		Air Sample 30-051	Airborne Radioactivity Survey - Keyway Bottom of Ladder	03/27/2022
71124.06	Corrective Action Documents	AR 02431743	Several AP Effluent Samples with Low Level Isotopes	07/11/2022
		AR 2396572	2016 AMR Liquid Dose Update	05/12/2022
		AR 2400016	Unit 1 Hotwell Dump with Tritium	10/25/2021
		AR 2419033	Air Sample Calibration Data Sticker Inaccuracy	02/17/2022
		AR 2431817	Low Volume Air Sampler #330746 had a Switch in Cord Failure	07/12/2022
		AR 2431829	Digital Display on DAVS Isokinetic Sampler Missing Digits	07/12/2022
	Corrective Action Documents Resulting from Inspection	AR 2432004	DAVS Isokinetic Rotometer Challenging to Read	07/14/2022
		AR 2432006	Sampling Observations	07/14/2022
		AR 2432008	Isokinetic Flow Guidance	07/14/2022
		AR 2432025	Establish Basis for Administrative Limits	07/14/2025
	Engineering Changes	EC 295103	SJAE Exhaust Flow Curve	08/10/2020
	Miscellaneous		Offsite Dose Calculation Manual	24
		Gaseous Permit	Airborne Waste Discharge Permit	07/11/2022
		NRC 2020-0009 10 CFR 72.44 TS 5.6.2	2019 Annual Monitoring Report	04/27/2020
		NRC 2021-0021 10 CFR 72.44 TS 5.6.2	2020 Annual Monitoring Report	04/29/2021
		NRC 2022-0014 10 CFR 72.44 TS 5.6.2	2021 Annual Monitoring Report	04/04/2022

	Procedures	CAMP 032	Preparation of Batch Liquid and Gaseous Effluent Permits Using RADEAS Software	1
		HPIP 3.52.1	Radiological Sampling for Release Accountability	43
		OP 9C	Containment Venting and Purging	19
	Self-Assessments	AR 02429866 & LICA 02394762-03	2022 IP 71124.06 Radioactive Gaseous and Liquid Effluent Treatment Pre-Inspection Assessment	06/14/2022
71151	Miscellaneous		MSPI Margin Reports; Units 1 and 2	07/01/2021 - 06/30/2022
			MSPI Derivation Reports; High Pressure Injection, Emergency AC, Cooling Water; Unavailability Index; Units 1 and 2	07/01/2021 - 06/30/2022
			MSPI Derivation Reports; High Pressure Injection, Emergency AC, Cooling Water; Unreliability Index; Units 1 and 2	07/01/2021 - 06/30/2022
		NP 5.2.16 - Occupational Exposure Effectiveness	Attachment B; PI Data Calculation, Review and Approval	07/01/2021 - 03/31/2022
		NP 5.2.16 - ODCM Radioactive Effluents Effectiveness	Attachment B; PI Data Calculation, Review and Approval	07/01/2021 - 06/30/2022
		NP 5.2.16 - RCS Activity Fuel Performance	NP 5.2.16 - RCS Activity Fuel Performance	07/01/2021 - 06/30/2022
		PBN-BFJR-18-054	MSPI Basis Document for PBNP	27