



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION I  
2100 RENAISSANCE BOULEVARD, SUITE 100  
KING OF PRUSSIA, PENNSYLVANIA 19406-2713

February 12, 2020

Mr. Rod Penfield  
Site Vice President  
FirstEnergy Nuclear Operating Company  
Beaver Valley Power Station  
P.O. Box 4, Route 168  
Shippingport, PA 15077

SUBJECT: BEAVER VALLEY POWER STATION, UNITS 1 AND 2 – INTEGRATED  
INSPECTION REPORT 05000334/2019004 AND 05000412/2019004

Dear Mr. Penfield:

On December 31, 2019, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Beaver Valley Power Station, Units 1 and 2. On January 16, 2020, the NRC inspectors discussed the results of this inspection with you and other members of your staff. The results of this inspection are documented in the enclosed report.

No findings or violations of more than minor significance were identified during this inspection.

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,

*/RA/*

Patrick W. Finney, Acting Chief  
Reactor Projects Branch 5  
Division of Reactor Projects

Docket Nos. 05000334 and 05000412  
License Nos. DPR-66 and NPF-73

Enclosure:  
As stated

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SUBJECT: BEAVER VALLEY POWER STATION, UNITS 1 AND 2 – INTEGRATED  
INSPECTION REPORT 05000334/2019004 AND 05000412/2019004 DATED  
FEBRUARY 12, 2020

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Inspection Reports 2019\BV\_IR2019004\_FINAL.docx

ADAMS ACCESSION NUMBER: ML20044D313

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

Docket Numbers: 05000334 and 05000412

License Numbers: DPR-66 and NPF-73

Report Numbers: 05000334/2019004 and 05000412/2019004

Enterprise Identifier: I-2019-004-0040

Licensee: FirstEnergy Nuclear Operating Company

Facility: Beaver Valley Power Station, Units 1 and 2

Location: Shippingport, PA

Inspection Dates: October 1, 2019 to December 31, 2019

Inspectors: J. Krafty, Senior Resident Inspector  
S. Horvitz, Resident Inspector  
E. Burket, Senior Reactor Inspector  
B. Lin, Nuclear Systems Engineer  
R. Rolph, Senior Health Physicist

Approved By: Patrick W. Finney, Acting Chief  
Reactor Projects Branch 5  
Division of Reactor Projects

Enclosure

## **SUMMARY**

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting an integrated inspection at Beaver Valley Power Station, Units 1 and 2, 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**

No findings or violations of more than minor significance were identified.

### **Additional Tracking Items**

None.

## PLANT STATUS

Unit 1 began the inspection period in end-of-cycle coastdown operations. On October 13, 2019, Unit 1 was shutdown for a planned refueling outage (1R26). On November 3, 2019, operators commenced a reactor startup. On November 4, 2019, Unit 1 was manually tripped at 15 percent power due to steam pressure oscillations caused by erratic condenser steam dump operation. On November 5, 2019, operators commenced a reactor startup. Unit 1 reached rated thermal power on November 10, 2019 and remained at or near full power for the remainder of the inspection period.

Unit 2 operated at or near rated thermal power for the entire 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 plant status activities described in IMC 2515, Appendix D, "Plant Status," and conducted routine reviews using IP 71152, "Problem Identification and Resolution." 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

#### Seasonal Extreme Weather Sample (IP Section 03.02) (1 Sample)

- (1) The inspectors evaluated readiness for seasonal extreme weather conditions prior to the onset of seasonal cold temperatures.

### 71111.04Q - Equipment Alignment

#### Partial Walkdown Sample (IP Section 03.01) (3 Samples)

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

- (1) Unit 1 reactor plant river water system realigned in a backflow configuration with the 'B' header supplying the 'A' return header on October 21, 2019
- (2) Unit 2 emergency diesel generator 2-2 following surveillance testing on November 20, 2019
- (3) Unit 2 turbine driven auxiliary feedwater pump following surveillance testing on November 25, 2019

### 71111.04S - Equipment Alignment

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

- (1) Unit 1 residual heat removal system on October 20, 2019

### 71111.05Q - Fire Protection

#### Quarterly Inspection (IP Section 03.01) (4 Samples)

The inspectors evaluated fire protection program implementation in the following selected areas:

- (1) Unit 1 and 2 hydrogen tanks, fire compartments 1-H-1 and 2-H-1, on October 2, 2019
- (2) Unit 1 and 2 general yard area, fire compartment 3-YARD-1, on October 4, 2019
- (3) Unit 1 reactor containment building, fire compartment 1-RC-1, on October 15, 2019
- (4) Unit 1 and 2 alternate access facility, fire compartment 3-AAF-1, on November 11, 2019

### 71111.08P - Inservice Inspection Activities (PWR)

#### PWR Inservice Inspection Activities Sample (IP Section 03.01) (1 Sample)

- (1) The inspectors verified that the reactor coolant system boundary, steam generator tubes, reactor vessel internals, risk-significant piping system boundaries, and containment boundary are appropriately monitored for degradation and that repairs and replacements were appropriately fabricated, examined and accepted by reviewing the following activities from October 21, 2019 to October 30, 2019:

##### 03.01.a - Nondestructive Examination and Welding Activities.

- Radiography testing (RT) of 4" field weld SDHV4F1 for replacement of residual heat release valve HCV-1MS-104.
- Ultrasonic testing (UT) of 6" safety injection weld, SI-73-8-S-01.
- Ultrasonic testing (UT) of structural weld overlay, RC-72-7-OV-01.
- Visual examination (VE) of reactor vessel lower head bottom mounted-instrument nozzles for ASME Code case N-722.
- Repair activity associated with fretting indications on 'A' and 'B' pressurizer spray lines, RC-71, RC-72 (WO# 200803108, 200803109).

##### 03.01.b - Pressurized-Water Reactor Vessel Upper Head Penetration Examination Activities.

- Bare metal visual examination of Unit 1 reactor vessel head penetrations 7, 41, and 49 for ASME Code Case N-729-4.

##### 03.01.c – Pressurized-Water Reactor Boric Acid Corrosion Control Activities.

- Evaluation performed for 2018-02950, High Head Safety Injection Leakage Monitoring Connection, 1SI-347
- Evaluation performed for 2018-03516, Safety Injection Accumulator, 1SI-43

03.01.d – Pressurized-Water Reactor Steam Generator Tube Examination Activities.

- None performed

71111.11Q - Licensed Operator Regualification 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 Unit 1 operator performance in the control room during reactor shutdown for refueling outage 1R26 on October 12, 2019.

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

- (1) The inspectors observed and evaluated a crew of licensed operators in the Unit 1 simulator during licensed operator training conducted in preparation for upcoming plant evolutions on October 10, 2019.

71111.12 - Maintenance Effectiveness

Routine Maintenance Effectiveness Inspection (IP Section 02.01) (1 Sample)

The inspectors evaluated the effectiveness of routine maintenance activities associated with the following equipment and/or safety significant functions:

- (1) Unit 2 compressed air system on November 25, 2019

71111.13 - Maintenance Risk Assessments and Emergent Work Control

Risk Assessment and Management Sample (IP Section 03.01) (4 Samples)

The inspectors evaluated the risk assessments for the following planned and emergent work activities:

- (1) Unit 1 yellow shutdown risk for decay heat removal while reactor coolant system was depressurized and drained to the reactor vessel flange on October 17, 2019
- (2) Unit 1 yellow shutdown risk for decay heat removal and spent fuel pool cooling during core offload with only one train of residual heat removal and spent fuel pool cooling available on October 21, 2019
- (3) Unit 1 yellow shutdown risk for decay heat removal while reactor coolant system level is lowered to below the reactor vessel flange on October 28, 2019
- (4) Unit 1 elevated risk due to 'B' river water pump planned maintenance and 1-2 emergency diesel generator testing on November 13, 2019

71111.15 - Operability Determinations and Functionality Assessments

Operability Determination or Functionality Assessment (IP Section 02.02) (5 Samples)

The inspectors evaluated the following operability determinations and functionality assessments:

- (1) Unit 1 source range channels (N31/N32) reading below expected values following the 1R26 shutdown on October 14, 2019
- (2) Unit 1 'B' low head safety injection pump suction valve, MOV-1SI-862B total thrust limit exceeded on October 17, 2019
- (3) Unit 1 Battery 1-3 cell 12, 29, and 55 discoloration on October 22, 2019
- (4) Unit 1 active boric acid leak on quench spray pump discharge check valve on October 31, 2019
- (5) Unit 2 service water valve, 2SWS-100, stuck open, diverting service water cooling from control room air conditioning unit, 2HVC-ACU201B, on November 26, 2019

#### 71111.19 - Post-Maintenance Testing

##### Post-Maintenance Test Sample (IP Section 03.01) (5 Samples)

The inspectors evaluated post maintenance testing for the following maintenance/repair activities:

- (1) Unit 1 direct current panel 1-6 replacement on October 23, 2019
- (2) Unit 1 emergency diesel generator 1-1 scheduled maintenance on October 23, 2019
- (3) Unit 1 residual heat release valve replacement on October 29, 2019
- (4) Unit 1 battery 1-3 replacement of five cells on October 31, 2019
- (5) Unit 1 replacement of MOV-1SI-867A/B motor operator with a manual operator on October 31, 2019

#### 71111.20 - Refueling and Other Outage Activities

##### Refueling/Other Outage Sample (IP Section 03.01) (1 Sample)

- (1) The inspectors evaluated Unit 1 refueling outage (1R26) activities from October 13, 2019 through November 8, 2019.

#### 71111.22 - Surveillance Testing

The inspectors evaluated the following surveillance tests:

##### Surveillance Tests (other) (IP Section 03.01) (3 Samples)

- (1) 1OST-13.1, Quench Spray Pump [1QS-P-1A] Test on October 2, 2019
- (2) 1OST-11.14A, Low Head Safety Injection Full Flow Test on October 18, 2019
- (3) 1OST-36.4, Diesel Generator No. 2 Automatic Test and 1MSP-36.00B-E, Load Shedding and Auto Sequencing of 'B' Train Emergency Bus Breaker Cubicles on October 25, 2019

##### Containment Isolation Valve Testing (IP Section 03.01) (1 Sample)

- (1) 1OST-21.5, Main Steam Trip Valve (TV-1MS-101B and 101C) Full Closure Test on October 15, 2019



## **RADIATION SAFETY**

### 71124.01 - Radiological Hazard Assessment and Exposure Controls

#### Contamination and Radioactive Material Control (IP Section 02.03) (1 Sample)

The inspectors evaluated licensee processes for monitoring and controlling contamination and radioactive material.

- (1) The inspectors verified the following sealed sources are accounted for and are intact:
  - Shepard Calibrators in the Unit 1 and 2 instrument rooms

#### High Radiation Area and Very High Radiation Area Controls (IP Section 02.05) (1 Sample)

- (1) The inspectors evaluated risk-significant high radiation area and very high radiation area controls.

#### Radiation Worker Performance and Radiation Protection Technician Proficiency (IP Section 02.06) (1 Sample)

- (1) The inspectors evaluated radiation worker performance and radiation protection technician proficiency.

### 71124.02 - Occupational ALARA Planning and Controls

#### Radiological Work Planning (IP Section 02.01) (1 Sample)

The inspectors evaluated the licensee's radiological work planning.

- (1) The inspectors reviewed the following activities:
  - Radiography in the Steam Valve area
  - Reactor Disassembly/Reassembly
  - Scaffold work in the Reactor Building Containment

#### Implementation of ALARA and Radiological Work Controls (IP Section 02.03) (1 Sample)

The inspectors reviewed as low as reasonably achievable practices and radiological work controls.

- (1) The inspectors reviewed the following activities:
  - 119-4018, Reactor Disassembly/Reassembly
  - 119-4019, Remove/Replace CETNAs and Thermocouples
  - 119-4023, ISI Support
  - 119-4028, Scaffold/Emergent Work in the Reactor Building Containment

## **OTHER ACTIVITIES – BASELINE**

### 71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

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

- (1) Unit 1 (October 1, 2018 through September 30, 2019)
- (2) Unit 2 (October 1, 2018 through September 30, 2019)

#### BI02: RCS Leak Rate Sample (IP Section 02.11) (2 Samples)

- (1) Unit 1 (October 1, 2018 through September 30, 2019)
- (2) Unit 2 (October 1, 2018 through September 30, 2019)

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

- (1) Unit 1 and Unit 2 (September 1, 2018 through August 31, 2019)

## **INSPECTION RESULTS**

No findings were identified.

## **EXIT MEETINGS AND DEBRIEFS**

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

- On January 16, 2020, the inspectors presented the integrated inspection results to Rod Penfield and other members of the licensee staff.
- On October 30, 2019, the inspectors presented the Inservice Inspection Activities Inspection results to Rod Penfield and other members of the licensee staff.

## **OTHER ACTIVITIES – TEMPORARY INSTRUCTIONS, INFREQUENT, AND ABNORMAL**

### Impact of Financial Conditions on Continued Safe Performance

In that the licensee's parent company, FirstEnergy Solutions, was under bankruptcy protection/reorganization during the inspection period, NRC Region I conducted reviews of processes at Beaver Valley. Using the flexibilities in the baseline inspection program, the inspectors evaluated several aspects of FENOC's operations to assess whether any identified plant performance issues could be related to the station's financial condition. The factors reviewed included: (1) impact on regulatory required plant staffing, (2) corrective maintenance backlog, (3) changes to the planned maintenance schedule, (4) corrective action program implementation, and (5) reduction in outage scope, including risk-significant modifications. In particular, the inspectors assessed whether FENOC personnel continued to identify problems at an appropriate threshold and enter these problems into the corrective action program for resolution. The inspectors also assessed whether FENOC continued to develop and implement corrective actions commensurate with the safety significance of the problems identified.

**DOCUMENTS REVIEWED**

Inspection Procedure	Type	Designation	Description or Title	Revision or Date	
71111.01	Corrective Action Documents	2019-07771			
		2019-07787			
		2019-07788			
		2019-07789			
		2019-07850			
		2019-07907			
	Procedures	1OM-45.3.C.2	Power Supply and Control Switch List Heat Tracing System	Revision 24	
		1OST-45.11A	Cold Weather Protection Verification – Performed in September and October	Revision 5	
		2OM-45D.3.C	Power Supply and Control Switch List,	Revision 13	
		2OST-45.11A	Cold Weather Protection Verification – Performed in September and October	Revision 8	
71111.04Q	Drawings	RM-0424-003	Valve Oper No Diagram Auxiliary Feedwater	Revision 20	
		RM-0430-001	Piping & Instrumentation Diagram - River Water System	Revision 37	
		RM-0430-002	Piping & Instrumentation Diagram - River Water System	Revision 23	
		RM-0430-003	Piping & Instrumentation Diagram - River Water System	Revision 33	
		RM-0436-001	Valve Oper No Diagram – Diesel Fuel Oil	Revision 8	
		RM-0436-003	Valve Oper No Diagram – Diesel Starting Air	Revision 25	
		RM-0436-004B	Valve Oper No Diagram – Diesel Cooling Water	Revision 12	
		RM-421-2	Valve Oper No Diagram AFW Pump Steam & Resid Heat Rel	Revision 17	
	Miscellaneous		Clearance 1R26-30-OPS-005	10/20/2019	
	Procedures	1OM-30.4.AB	Operation of the Reactor Plant River Water System with Normal Return Flow Path to Unit 1/2 Blowdown Isolated	Revision 14	
		2OST-24.4	Steam Driven Auxiliary Feed Pump [2FWE*P22] Quarterly Test	Revision 91	
	71111.04S	Drawings	RM-0410-001	Piping & Instrumentation Diagram Residual Heat Removal System	Revision 16
		Procedures	1OM-10.3.B.1	Valve List – 1RH	Revision 8
71111.05Q	Miscellaneous		BVPS Fire Safety Analysis Report	Revision 0	
			Fire Safety Analysis Report	Revision 0	

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		1/2PFP-AAFX	Alternate Access Facility, Fire Compartment 3-AAF-1	Revision 0
		1/2PFP-YARD-735	General Yard Area, Fire Compartment 3-YARD-1	Revision 0
		1PFP-RCBX-692	Reactor Containment Building Fire Compartment 1-RC-1	Revision 3
		1PFP-RCBX-718	Reactor Containment Building Fire Compartment 1-RC-1	Revision 3
		1PFP-RCBX-738	Reactor Containment Building Fire Compartment 1-RC-1	Revision 3
		1PFP-RCBX-767	Reactor Containment Building Fire Compartment 1-RC-1	Revision 3
		1PFP-Yard-701-HYD	Hydrogen Tanks North Yard, Fire Compartment 1-H-1	Revision 3
		2PFP-Yard-735-HYD	Hydrogen Tanks East Yard, Fire Compartment 2-H-1	Revision 1
71111.08P	Corrective Action Documents	CR-2019-08565		
		CR-2019-08617		
		CR-2019-08793		
	Engineering Evaluations	1901240.401	Flaw Evaluation of Safety Injection SI-72-8-S-01 Elbow-to-Pipe Weld	10/29/2019
71111.11Q	Corrective Action Documents	2019-08356		
	Procedures	1OM-52.4.R.1.F	Station Shutdown from 100% Power to Mode 5	Revision 36
71111.12	Corrective Action Documents	2016-03770		
		2016-04318		
		2017-00692		
		2017-01418		
		2017-05487		
		2017-08280		
		2017-08759		
		2017-09705		
		2017-11168		
		2017-12247		
		2018-09051		
		2018-10205		
2018-10427				
2019-00376				

Inspection Procedure	Type	Designation	Description or Title	Revision or Date	
		2019-02312			
		2019-03080			
		2019-04071			
		2019-07374			
		2019-08108			
	Miscellaneous			Maintenance Rule System Basis Document Compressed Air System 34	Revision 9
				Maintenance Rule Monthly Monitoring Spreadsheet, Unit 2 System 34, April 2019	
				Maintenance Rule System Basis Document Compressed Air System 34	Revision 8
		ECP-02-0540		Installation of BV-2 Station Instrument Air System Standby Train	Revision 2
	Procedures	BVPM-ER-3004		Maintenance Rule (MR) Program Supplemental Guidance	Revision 3
71111.13	Corrective Action Documents	2019-08726			
		2019-08730			
		2019-08731			
		2019-09028			
	Miscellaneous			Beaver Valley Key Shutdown Defense-in-Depth Turnover Checklist	10/28/2019
				Defense-in-Depth Protected Equipment	10/28/2019
				Beaver Valley Unit 1 Week 11/11/2019, T-0 ICDP Profile	Revision 0
				Beaver Valley Unit 1 Week 11/11/2019, T-0 ICDP Profil	Revision 1
				Beaver Valley Key Shutdown Defense-in-Depth Turnover Checklist	10/17/2019
				Defense-in-Depth Protected Equipment	10/17/2019
				Beaver Valley Key Shutdown Defense-in-Depth Turnover Checklist	10/21/2019
				Defense-in-Depth Protected Equipment	10/21/2019
	71111.15	Corrective Action Documents	2017-11132		
2018-04338					
2019-08406					
2019-08560					

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		2019-08646		
		2019-08682		
		2019-08686		
		2019-09157		
		2019-09972		
	Drawings	RM-0430-002	Valve Oper No Diagram Service Water Primary Cooling	Revision 43
	Miscellaneous	DMC-2756	Torque Calculation for MOV-1SI-862A and MOV-1SI-862B	Revision 10
		DMC-2936	MOV Weak Link Evaluation of Crane-Aloyco Valves MOV-1SI-860A&B and MOV-1SI-862A&B Using ASME Allowable Stresses	Revision 0
		EER 600596672		
		EER 601243771		
	Procedures	EER 601250941		
		1-MSP-E-39-003	Vital Bus Batteries, Test and Inspection	Revision 10
		1-MSP-E-39-403	Battery [BAT-1-3] Service Discharge Test	Revision 4
		1OST-39.7	Weekly DC Bus Distribution Surveillance	Revision 8
71111.19	Corrective Action Documents	2019-08323		
		2019-08661		
		2019-08804		
		2019-08818		
		2019-08977		
		2019-09029		
		2019-09033		
		2019-09034		
		2019-09046		
		2019-09080		
		2019-09084		
		Miscellaneous		C&D Technologies Capacity Discharge Test Report
	101173-R-M-00001		Functional Review of MOVs 1SI-867A through D	Revision 0
	101173-R-M-00001		Functional Review of MOVs 1SI-867A through D	Revision 0
	ECP 15-0482-002		Replace PNL-DC1-6	Revision 1

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		ECP 18-0166-001		
		ECP 18-0166-002		
		ECP-18-0001-000	Modify BVPS Unit 1 SI Valves MOV-1SI-867A/B	Revision 2
		EER 601243635		
		EER 601244321		
		EER 601244327		
		EER 601244356		
		RM-0411-001	Piping & Instrumentation Diagram Safety Injection System	Revision 29
	Procedures	1MSP-39.08-E	Battery No. 1-3 Inspection and Interconnection Resistance Check	Revision 11
		1MSP-E-39-003	Vital Bus Batteries, Test and Inspection	Revision 10
		1OST-1.10J	Cold Shutdown Valve Exercise Test (Part J) Main Steam Valves	Revision 11
		1OST-36.1	Diesel Generator No. 1 Monthly Test	Revision 70
		1OST-39.7	Weekly DC Bus Distribution Surveillance	Revision 8
	Work Orders	200437181		
		200648469		
		200698221		
		200698227		
		200698231		
		200742230		
		200742321		
		200742895		
		200742897		
		200742901		
		200742903		
		200742906		
		200744219		
		200744240		
200744327				
200744328				
200744332				
200744720				

Inspection Procedure	Type	Designation	Description or Title	Revision or Date	
		200747613			
		200787662			
71111.20	Corrective Action Documents	2003-04053			
		2019-09029			
		2019-09392			
	Miscellaneous Procedures	EER 601244327			
		1/2CMP-47-CONTINGENCY HATCH CLOSURE-1M	Contingency Hatch Closure	Revision 1	
		1OM-50.4.D1	Reactor Startup from Mode 3 to Mode 2 - Initial Criticality	Revision 1	
		1OM-50.4.D2	Reactor Startup from Mode 3 to Mode 2,	Revision 2	
		1OM-52.4.B	Load Following	Revision 56	
		1OM-52.4.R.1.F	Station Shutdown from 100% Power to Mode 5	Revision 36	
		1OM-6.4.N	Draining the RCS for Refueling	Revision 29	
		1OST-47.2B	Containment Closeout Inspection	Revision 23	
		1RST-2.2	Core Design Check Test	Revision 19	
NOP-WM-5008	Control of Scaffolding	Revision 1			
71111.22	Corrective Action Documents	2019-08375			
		2019-08500			
	Procedures	1OST-11.14A	LHSI Full Flow Test	Revision 35	
		1OST-21.5	Main Steam Trip Valve [TV-1MS-101B] Full Closure Test	Revision 21	
		1OST-21.6	Main Steam Trip Valve [TV-1MS-101C] Full Closure Test	Revision 21	
71124.01	Corrective Action Documents	2019-01513	Monthly surveys not performed due to no lighting		
		2019-7900	Sample Containment, Wrong Unit		
	Procedures	NOP-OP-4101	Access Controls for RCA	16	
		NOP-OP-4102	Radiological Posting and Labeling	14	
		NOP-OP-4106	Radiography	06	
		NOP-OP-4197	Radiation Work Permit (RWP)	18	
		NOP-OP-4502	Control on Radioactive Material (RAM)	06	
	Radiation Surveys	103101	692' Containment	10/13/2019	
		103201	718' Containment	10/13/2019	
103305		738' Containment	10/13/2019		



Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		103401	767' Containment	10/13/2019
		103410	767' Reactor Cavity	10/13/2019
		BV-M-2019-0813-2	BV2 Waste Handling Building 722'	8/13/2019
		BV-M-2019-0828-8	BV2 Condensate Polishing Building 735'	8/28/2019
		BV-M-2019-0909-11	PCA Shop Decon Room	9/9/2019
		BV-M-2019-0916-5	BV1 Decontamination Building 735'	9/16/2019
		BV-M-2019-0923-4	BV1 Solid Waste	9/23/2019
71124.02	Corrective Action Documents	2019-06842	PJR not performed	
		2019-08828	Accumulated dose alarm	
	Corrective Action Documents Resulting from Inspection	2019-08804	Reactor Building Containment Phone Line	
	Procedures	NOP-OP-4005	ALARA Program	Revision 06
	Self-Assessments	SA-BN-2018-1069	Fleet Radiation Protection ALARA, Dose Control, Dose Monitoring Assessment	8/13/2019
71151	Miscellaneous		Unit 1 Reactor Coolant System Specific Activity, October 2018 through September 2019	
			Unit 2 Reactor Coolant System Leakage, October 2018 through September 2019	
			Unit 2 Reactor Coolant System Specific Activity, October 2018 through September 2019	
			Unit 1 Reactor Coolant System Leakage, October 2018 through September 2019	
	Procedures	1-CHM-SAM-3.26	RCS-Demineralizer Inlet and Outlet Header	Revision 13