



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
245 PEACHTREE CENTER AVENUE N.E., SUITE 1200
ATLANTA, GEORGIA 30303-1200

March 4, 2019

Mr. Tom Vehec
Vice President
Southern Nuclear Operating Company, Inc.
Edwin I. Hatch Nuclear Plant
11028 Hatch Parkway North
Baxley, GA 31513

SUBJECT: ANNUAL ASSESSMENT LETTER FOR EDWIN I. HATCH NUCLEAR PLANT -
REPORT 05000321/2018006 AND 05000366/2018006

Dear Mr. Vehec:

The NRC has completed its end-of-cycle performance assessment of Edwin I. Hatch Nuclear Plant Units 1 and 2, reviewing performance indicators (PIs), inspection results, and enforcement actions from January 1, 2018 through December 31, 2018. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. The NRC concluded that overall performance at your facility preserved public health and safety.

The NRC determined the performance at Edwin I. Hatch Nuclear Plant Units 1 and 2 during the most recent quarter was within the Licensee Response Column, the highest performance category of the NRC's Reactor Oversight Process (ROP) Action Matrix, because all inspection findings had very low safety significance (i.e., Green), and all PIs were within the expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2020. This updated inspection plan now includes planned security inspections which were formerly transmitted under separate correspondence. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. You should be aware that the agency is pursuing potential changes to the ROP, including changes to engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections"). Should these changes to the ROP be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule, beginning in January 2020. 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.

The NRC will conduct Temporary Instruction (TI) 2515/194, "Inspection of the Licensee's Implementation of Industry Initiative Associated With the Open Phase Condition Design Vulnerabilities In Electric Power Systems (NRC Bulletin 2012-01)," during the week of November 18, 2019.

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 (404) 997-4415 with any questions you have regarding this letter.

Sincerely,

/RA/

Alan Blamey, Chief
Reactor Projects Branch 2
Division of Reactor Projects

Docket Nos.: 50-321, 50-366

License Nos.: DPR-57 and NPF-5

Enclosure:

Inspection Plan 05000321/2018006, 05000366/2018006

Letter to Tom Vehec from Alan Blamey dated March 4, 2019.

Distribution:

M. Kowal, RII

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NAME	DMas	ABlamey	
DATE	02/ 26 /2019	02/ 25 /2019	

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IP 22 Inspection Activity Plan Report

Hatch

03/01/2019 - 12/31/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION - WEEK 2						2
1, 2	02/25/2019	03/01/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	02/25/2019	03/01/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	02/25/2019	03/01/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	02/25/2019	03/01/2019	IP 71124.04	000728	Occupational Dose Assessment	
1, 2	02/25/2019	03/01/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
TARGET SET						2
1, 2	04/15/2019	04/19/2019	IP 71130.14	000743	Review of Power Reactor Target Sets	
NFPA 805 TRIENNIAL FIRE PROTECTION INSPECTION						4
1, 2	04/29/2019	05/03/2019	IP 71111.05T	000696	Fire Protection (Triennial)	
1, 2	05/13/2019	05/17/2019	IP 71111.05T	000696	Fire Protection (Triennial)	
EVALUATIONS OF CHANGES, TESTS AND EXPERIMENTS						3
1, 2	06/24/2019	06/28/2019	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
HATCH INITIAL LICENSE EXAM						5
1, 2	07/08/2019	07/12/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	08/12/2019	08/30/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
TRIENNIAL HEAT SINK PERFORMANCE						1
1, 2	07/22/2019	07/26/2019	IP 71111.07T	000700	Heat Sink Performance -Triennial	
SECURITY BASELINE INSPECTION						1
1, 2	08/12/2019	08/16/2019	IP 71130.02	000734	Access Control	
1, 2	08/12/2019	08/16/2019	IP 71151	001338	Performance Indicator Verification	
PROBLEM IDENTIFICATION AND RESOLUTION						4
1, 2	09/09/2019	09/13/2019	IP 71152B	000747	Problem Identification and Resolution	
1, 2	09/23/2019	09/27/2019	IP 71152B	000747	Problem Identification and Resolution	
FORCE-ON-FORCE PLANNING AND EXERCISE						6
1, 2	09/30/2019	10/04/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1, 2	10/28/2019	11/01/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

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EMERGENCY PREPAREDNESS EXERCISE						6
1, 2	10/21/2019	10/25/2019	IP 71114.01	000716	Exercise Evaluation	
1, 2	10/21/2019	10/25/2019	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2	10/21/2019	10/25/2019	IP 71114.08	000723	Exercise Evaluation □ Scenario Review	
1, 2	10/21/2019	10/25/2019	IP 71151	001397	Performance Indicator Verification	
TI-194 OPEN PHASE CONDITION						1
1, 2	11/18/2019	11/22/2019	TI 2515/194	000512	Inspection of the Licensee's Implementation of Industry Initiative Associated With the Open Phase Condition Design Vulnerabilities In Electric Power Systems (NRC Bulletin 2012-01)	
RP OCCUPATIONAL RAD SAFETY RAD HAZARDS & TRANSPORTATION BASELINE INSPECTION						2
1, 2	02/10/2020	02/14/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	02/10/2020	02/14/2020	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
UNIT 1 IN-SERVICE INSPECTION						1
1	02/17/2020	02/21/2020	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
DESIGN BASIS ASSURANCE INSPECTION (PROGRAM)						3
1, 2	05/18/2020	05/22/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
1, 2	06/01/2020	06/05/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
RP PUBLIC RAD SAFETY BASELINE INSPECTION						2
1, 2	06/08/2020	06/12/2020	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	06/08/2020	06/12/2020	IP 71124.07	000731	Radiological Environmental Monitoring Program	
HATCH REQUAL INSPECTION						2
1, 2	08/24/2020	08/28/2020	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	
SNC CORP OFFICE AA/FFD/SGI INSPECTION						2
1, 2	08/31/2020	09/04/2020	IP 71130.01	000733	Access Authorization	
1, 2	08/31/2020	09/04/2020	IP 71130.06	000738	Protection of Safeguards Information	
1, 2	08/31/2020	09/04/2020	IP 71130.08	000740	Fitness For Duty Program	

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1, 2	09/21/2020	09/25/2020	IP 71130.02	000734	Access Control	
1, 2	09/21/2020	09/25/2020	IP 71130.06	000738	Protection of Safeguards Information	
1, 2	09/21/2020	09/25/2020	IP 71130.08	000740	Fitness For Duty Program	
1, 2	09/21/2020	09/25/2020	IP 71151	001338	Performance Indicator Verification	
SECURITY BASELINE & ISFSI INSPECTION						1
1, 2	11/16/2020	11/20/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1, 2	11/16/2020	11/20/2020	IP 71130.07	000739	Security Training	