



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

June 4, 2019

Mr. Frank Payne
Acting Site Vice President
FirstEnergy Nuclear Operating Company
Perry Nuclear Power Plant
Reg Affairs–A210
10 Center Road, P.O. Box 97
Perry, OH 44081–0097

SUBJECT: PERRY NUCLEAR POWER PLANT, UNIT 1—NRC SECURITY BASELINE
INSPECTION REPORT 05000440/2019410

Dear Mr. Payne:

On April 30, 2019, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at your Perry Nuclear Power Plant, Unit 1 and discussed the results of this inspection with Mr. Saltz and other members of your staff. The results of this inspection are documented in the enclosed report.

The NRC inspectors did not identify any finding or violation of more than minor significance.

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), Part 2.390, “Public Inspections, Exemptions, Requests for Withholding.”

If you choose to provide a response that contains Security-Related Information, please mark your entire response “Security-Related Information—Withhold from public disclosure under 10 CFR 2.390” in accordance with 10 CFR 2.390(d)(1) and follow the instructions for

F. Payne

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withholding in 10 CFR 2.390(b)(1). The NRC is waiving the affidavit requirements for your response in accordance with 10 CFR 2.390(b)(1)(ii).

Sincerely,

/RA/

Thomas C. Hartman, Acting Chief
Plant Support Branch
Division of Reactor Safety

Docket No. 50-440
License No. NPF-58

Enclosure:
Inspection Report 05000440/2019410

cc: Distribution via LISTSERV®

Letter to Frank Payne from Thomas C. Hartman dated June 4, 2019.

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INSPECTION REPORT 05000440/2019410

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

Docket Number: 05000440

License Number: NPF-58

Report Number: 05000440/2019410

Enterprise Identifier: I-2019-410-0047

Licensee: FirstEnergy Nuclear Operating Co.

Facility: Perry Nuclear Power Plant, Unit 1

Location: Perry, OH 44081

Inspection Dates: April 22, 2019, to April 26, 2019

Inspectors: J. Steffes, Senior Resident Inspector (Bwr)
M. Ziolkowski, Physical Security Inspector

Approved By: Thomas C. Hartman, Acting Chief
Plant Support Branch
Division of Reactor Projects

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a Security Baseline Inspection at Perry Nuclear Power Plant, Unit 1 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. Findings and violations being considered in the NRC's assessment are summarized in the table below.

List of Findings and Violations

No findings or violations were identified.

Additional Tracking Items

None.

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 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.

SAFEGUARDS

71130.02 - Access Control

The inspectors evaluated the Security Access Control Program. The following elements were evaluated from this IP.

Access Control (1 Sample)

- Tier I: All
- Tier II: 02.06 (a-d), 02.07, 02.08 (b, d, g, i)
- Tier III: 02.09

71130.14 - Review of Power Reactor Target Sets

The inspectors evaluated the Security Target Set Program. The following elements were evaluated:

Power Reactor Target Sets (1 Sample)

Requirements: 02.02 (a-f), 02.03, 02.04 (a), 02.05

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

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

- On April 30, 2019, the inspector presented the Security Baseline inspection results to Mr. Saltz and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.02	Procedures	NOP-LP-1001	Unescorted Access Requirements	20
		NOP-LP-1003	Threat Reporting and Two Person Line of Sight Rule	5
		NOP-LP-1102	Protection of Safeguards Information	7
		NOP-LP-1104	Security Related Access Control Devices	5
		NOP-LP-1104	Annual Security Keys, Locks and Cores Inventory	0
		NOP-LP-1202	Vehicle and Material Access Control	10
		NOP-LP-1203	Security Badge Control	6
		NOP-LP-1204	Primary Access Facility Controls	10
	NOP-LP-1205	Visitor Control to Protected and Vital Areas	6	
	Self-Assessments	SA-BN-2019-1303	Review of Perry Nuclear Power Plant (PNPP) Security Access Controls	01/25/2019
71130.14	Corrective Action Documents Resulting from Inspection	CR-2019-03827	Evaluate the need to update Target Set support material	04/24/2019
	Procedures		Perry Nuclear Power Plant Target Set Manual	6
			Perry Nuclear Power Plant Target Set Support Material	6
			Perry Nuclear Power Plant Physical Security Plan	02/01/2017
		NOP-LP-1101	Security General Administration	13
		NOP-LP-1106	Target Set program	3
		NOP-LP-1107	Safety and Security Interface	4
		NOP-LP-1501	Response to Indications of Potential Tampering, Vandalism or Malicious Mischief	5
		NOP-SS-1200	Cyber Security Program	1
	Self-Assessments	SA-BN-2019-1305	Review of Perry Nuclear Power Plant (PNPP) Target Set Program	01/28/2019