



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

June 17, 2019

Mr. Bryan C. Hanson
Senior VP, Exelon Generation Company, LLC
President and CNO, Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: QUAD CITIES NUCLEAR POWER STATION—INDEPENDENT SPENT
FUEL STORAGE INSTALLATION NRC SECURITY INSPECTION
REPORT 07200053/2019401

Dear Mr. Hanson:

On May 28, 2019, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection of the Physical Protection Program for the Quad Cities Nuclear Power Station Independent Spent Fuel Storage Installation. The NRC inspector discussed the results of this inspection with Mr. Ken Ohr and other members of your staff. The results of this inspection are documented in the enclosed report.

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

This letter and its enclosure will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.htm> 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 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).

B. Hanson

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Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

/RA/

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

Docket No. 72-053
License No. General License (ISFSI)

Enclosure:
IR 07200053/2019401

cc: Distribution via LISTSERV®

Letter to Bryan C. Hanson from Thomas C. Hartman dated June 17, 2019.

SUBJECT: QUAD CITIES NUCLEAR POWER STATION—INDEPENDENT SPENT
FUEL STORAGE INSTALLATION NRC SECURITY INSPECTION
REPORT 07200053/2019401

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U.S. NUCLEAR REGULATORY COMMISSION

REGION III

Docket No: 72-053

License No: General License (ISFSI)

Report No: 07200053/2019401

Enterprise Identifiers: I-2019-401-0038

Licensee: Exelon Generation Company, LLC

Facility: Quad Cities Nuclear Power Station - ISFSI

Location: Cordova, IL

Dates: May 20, 2019, through May 28, 2019

Inspector: E. Bonano, ISFSI Physical Security Inspector

Approved By: T. Hartman, Acting Chief
Plant Support Branch
Division of Reactor Safety

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting an inspection of the physical protection program for the Independent Spent Fuel Storage Installation, in accordance with the Spent Fuel Storage Oversight Process. The Spent Fuel Storage Oversight Process is the NRC's program for overseeing the safe storage of spent nuclear fuel. Refer to <https://www.nrc.gov/waste/spent-fuel-storage/oversight.html> for more information.

List of Findings and Violations

No findings or violations were identified.

Additional Tracking Items

None.

INSPECTION SCOPES

Inspection was conducted using the appropriate portions of the Inspection Procedure 81311, "Physical Security Requirements for Independent Spent Fuel Storage Installations."

The procedure was declared complete when the inspection procedure requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter 2690, "Inspection Program for Dry Storage of Spent Reactor Fuel at Independent Spent Fuel Storage Installations and for Title 10 of the *Code of Federal Regulations*, Part 71 Transportation Packagings." The inspector 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

81311-Physical Security Requirements for Independent Spent Fuel Storage Installations (Complete)

The inspector evaluated the Physical Protection Program for the Independent Spent Fuel Storage Installation. The following elements were evaluated:

- 02.01 (a – f)

INSPECTION RESULTS

No findings or violations were identified.

EXIT MEETINGS AND DEBRIEFS

The inspector confirmed that proprietary information was controlled to protect from public disclosure. The inspector verified no proprietary information was retained or documented in this report.

- On May 22, 2019, and May 28, 2019, the inspector presented the security inspection results to Mr. Ken Ohr, and other members of his staff, and Mr. Tom Petersen, respectively.

DOCUMENTS REVIEWED

81311-Physical Security Requirements for Independent Spent Fuel Storage Installations

Quad Cities Security and Contingency Plan for ISFSI; Appendix D; Revision 15
SY-QC-101-503; Physical Protection Measures for the ISFSI; Revision 2
2018 LLEA Letter of Agreement (LOA); Rock Island County Sheriff's Office; Dated 10/22/2018
2018 LLEA LOA; IL State Police; Dated 10/22/2018
2019 LOA; Federal Bureau of Investigations (FBI); Dated 02/11/2019