



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

June 16, 2021

Mr. David Rhoades
Senior VP, Exelon Generation Company, LLC
President and CNO, Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: LASALLE COUNTY STATION – EMERGENCY PREPAREDNESS BIENNIAL
EXERCISE INSPECTION REPORT 05000373/2021501 AND
05000374/2021501

Dear Mr. Rhoades:

On May 28, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at LaSalle County Station and discussed the results of this inspection with Mr. Phil Hansett, LaSalle County Station Plant Manager 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,

Patricia J. Pelke, Chief
Operations Branch
Division of Reactor Safety

Docket Nos. 05000373 and 05000374
License Nos. NPF-11 and NPF-18

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV®

Letter to David Rhoades from Patricia J. Pelke dated June 16, 2021.

SUBJECT: LASALLE COUNTY STATION – EMERGENCY PREPAREDNESS BIENNIAL
EXERCISE INSPECTION REPORT 05000373/2021501 AND
05000374/2021501

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

Docket Numbers: 05000373 and 05000374

License Numbers: NPF-11 and NPF-18

Report Numbers: 05000373/2021501 and 05000374/2021501

Enterprise Identifier: I-2021-501-0011

Licensee: Exelon Generation Company, LLC

Facility: LaSalle County Station

Location: Marseilles, IL

Inspection Dates: May 24, 2021 to May 28, 2021

Inspectors: R. Elliott, Resident Inspector
M. Garza, Emergency Preparedness Inspector
G. Hansen, Senior Emergency Preparedness Inspector
A. Nguyen, Senior Resident Inspector

Approved By: Patricia J. Pelke, Chief
Operations Branch
Division of Reactor Safety

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting an emergency preparedness biennial exercise inspection at LaSalle County Station, 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.

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.

REACTOR SAFETY

71114.01 - Exercise Evaluation

Inspection Review (IP Section 02.01-02.11) (1 Sample)

- (1) The inspectors evaluated the Biennial Emergency Plan Exercise on May 25, 2021. The exercise scenario simulated an event at the LaSalle County Station that initiated with the declaration and notification of an Alert in response to abnormal plant conditions. The scenario conditions simulated the escalation of the significance of the event requiring the declaration of a Site Area Emergency, and then a General Emergency, as well as the development of Protective Action Recommendations that were communicated to the required state and local government agencies.

71114.08 - Exercise Evaluation Scenario Review

Inspection Review (IP Section 02.01 - 02.04) (1 Sample)

- (1) The inspectors reviewed and evaluated the proposed scenario for biennial emergency plan exercise on March 4, 2021.

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

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

- On May 28, 2021, the inspectors presented the emergency preparedness biennial exercise inspection results to Mr. Phil Hansett, LaSalle County Station Plant Manager and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71114.01	Corrective Action Documents	AR04263351	Technical Support Center DC Failures During 2Q19 ERO Drills	07/11/2019
		AR04263354	Operations Support Center DC Failures During 2Q19 ERO Drills	07/11/2019
		AR04263361	ERO Participation Challenges During 2Q19 Drill Set	07/11/2019
		AR04297003	4Q19 PI Drill Technical Support Center DC Failures	11/13/2019
		AR04298816	EP - LaSalle OYE 2019 Failed Objective E.1 (EOF)	11/20/2019
		AR04299013	LAS2019OYE UNSAT DC	11/21/2019
		AR04304819	Off Year Exercise TSC Failed Demonstration Criteria	12/18/2019
		AR04304820	Off Year Exercise OSC Failed Demonstration Criteria	12/18/2019
		AR04304825	OYE Simulator Demonstration Criteria SAT with Comments	12/18/2019
		AR04304832	OYE OSC Demonstration Criteria SAT with Comments	12/18/2019
		AR04304835	OYE Miscellaneous Issues related to Demonstration Criteria	12/18/2019
		AR04390028	4Q2020 PI Drill TSC Demonstration Criteria Failure	12/14/2020
		AR04390028	4Q2020 PI Drill TSC Demonstration Criteria Failure	12/14/2020
		AR04403201	Area for Improvement Identified During 1Q21 Focus Area Drill	02/18/2021
	Miscellaneous		LaSalle 2019 Off Year Exercise Report	12/18/2019
			3Q2020 Focus Area Drill Report	09/24/2020
			July 2020 PI Drill Report	07/21/2020
		EP-AA-1000	Exelon Nuclear Standardized Radiological Emergency Plan	
		EP-AA-1005	Radiological Emergency Plan Annex for LaSalle Station	
	71114.08	Miscellaneous		LaSalle Generating Station EP Evaluated Exercise Scenario