



Audit Plan

Environmental Review for the LaSalle County Station License Renewal Application

May 4, 2015

**Division of License Renewal
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission**

ENCLOSURE 1

License Renewal Environmental Audit Plan LaSalle County Station

1. Background

By letter dated December 9, 2014, Exelon Generation Company, LLC (Exelon) submitted an application, including an Environmental Report, for renewal of Operating Licenses NPF-11 and NPF-18 for LaSalle County Station (LSCS), Units 1 and 2. The staff of the U.S. Nuclear Regulatory Commission (the staff) is reviewing this application. LSCS requested renewal of the operating licenses for an additional 20 years beyond the 40-year current license terms, which expire on April 17, 2022, for Unit 1 and December 16, 2023, for Unit 2. Staff from the Division of License Renewal will lead an environmental audit at the LSCS site to gain a better understanding of the license renewal documentation and current LSCS site and operating conditions.

2. Regulatory Audit Bases

License renewal requirements for the environmental review are specified in Title 10 of the *Code of Federal Regulations* (CFR), Part 51 (10 CFR Part 51), "Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions." Guidance is provided in NUREG-1555, Supplement 1, "Environmental Standard Review Plan," dated June 2013.

3. Regulatory Audit Scope

The scope of this onsite regulatory audit is to interview cognizant personnel and to perform a facility survey (plant tour) of the site conditions and the surrounding environment in order to (a) obtain original reference material supporting the Environmental Report (ER), (b) review environmental compliance activities, and (c) document and assess any potential environmental issues. The site condition observations, information verification and validation activities are performed in accordance with 10 CFR 51.70.

4. Information and Other Material Necessary for the Regulatory Audit

The project team will review the ER and the applicant's other supporting documents as appropriate. Enclosure 1, "Audit Needs List" contains the specific audit needs for this review.

5. Team Assignments

Area of Review	Assigned Auditor
Project Management	David Drucker
Human Health (Health Physics)	William Rautzen
Human Health (Non-Radiological)	Russell Chazell
Waste Management (Non-Radiological)	Russell Chazell

Area of Review	Assigned Auditor
Waste Management (Radiological)	William Rautzen
Water Resources (Hydrology)	William Ford, Kevin Folk
Geology and Soil	William Ford
Alternatives and Cumulative	Robert Hoffman
Socioeconomic and Environmental Justice	Jeffrey Rikhoff
Historic and Cultural Resources	Russell Chazell
Aquatic	Michelle Moser
Special Status Species	Dennis Logan
Air Quality and Meteorology	Nancy Martinez
Terrestrial and Land Use	Briana Grange

The audit will be conducted at the LSCS site in LaSalle County, Illinois, during the week of May 4, 2015. Entrance and exit briefings will be held at the beginning and end of this audit, respectively.

6. Special Requests

- General discussion with the LSCS team on the new and significant determination process used for the ER;
- General discussion with the LSCS team on the background and status of any tritium contamination associated with soil and/or groundwater; and
- A speaker phone line for remote participation of HQ staff on certain interviews with cognizant personnel.

7. Deliverables

An audit report will be issued to the applicant within 90 days from the end of the audit.

8. References

NA