

U.S. NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT

REGION III

Report No. 50-373/81-27

Docket No. 50-373

License No. CPPR-99

Licensee: Commonwealth Edison Company
Post Office Box 767
Chicago, IL 60690

Facility Name: LaSalle County Nuclear Station, Unit 1

Inspection At: LaSalle Site, Seneca, IL

Inspection Conducted: August 5-7, 1981

Inspector: *for M Greger*
D. E. Miller

8/17/81

Approved By: *M Greger*
L. R. Greger, Acting Chief
Facilities Radiation
Protection Section

8/17/81

Inspection Summary

Inspection on August 5-7, 1981 (Report No. 50-373/81-27)

Areas Inspected: Routine, unannounced preoperational inspection of Rad/Chem Technician refresher training, radiation protection procedures, open inspection items, and IE Bulletins and Circulars. The inspection involved 25 inspector-hours onsite by one NRC inspector.

Results: No items of noncompliance or deviations were identified.

DETAILS

1. Persons Contacted

- *R. Bishop, Assistant Superintendent, Administration and Support Services
- *F. Lawless, Rad/Chem Supervisor
 - J. McDonald, Training Supervisor
 - C. Schneider, Technical Staff Supervisor
 - J. Lewis, Health Physics Coordinator
 - L. Aldrich, Health Physicist
 - J. Williams, Radwaste Coordinator - Operations
- *S. Shepley, Resident Inspector, NRC

The inspector also contacted several technicians and engineering assistants during the inspection.

*Denotes those present at the exit meeting.

2. General

This inspection, which began at 8:30 a.m. on August 5, 1981, was conducted to examine Rad/Chem Technician refresher training, radiation protection procedures, open inspection items, and IE Bulletins and Circulars.

3. Rad/Chem Technician (RCT) Training and Qualifications

The licensee is currently conducting a five week refresher training course for all RCTs. Testing is conducted at the end of each one week module. The second module is currently being taught. This training satisfies the retraining requirement for 1981. The inspector attended portions of classes in session during the inspection and reviewed training outlines and completed tests. The inspector noted that some RCTs had done poorly on the test conducted at the end of the first module. This matter was discussed with licensee management, who previously committed to certify the qualification of each RCT before fuel load. Licensee management representatives were aware of the problem.

The licensee has developed a training plan for annual RCT retraining to be performed in future years. The proposed training is to include certain specified subjects and procedural changes; RCTs will be asked for retraining recommendations. The proposed program was described to the inspector by the Training Supervisor. No problems were noted. (50-373/80-45-02).

4. Radiation Protection Procedures

The inspector reviewed the following new or recently revised radiation protection procedures. They appear to be compatible with regulatory requirements and FSAR commitments:

LRP 1310-4	Revision 1	Selection, Issuance, and Control of Radiological Respiratory Protective Equipment
LRP 1310-6	Revision 2	Operation of Air Line Supplied Air Systems
LRP 1340-6	Revision 0	Stand Up Whole Body Counting Routine Operations
LRP 1520-1	Revision 2	Offsite Shipment of Radioactive Material
LRP 1520-4	Revision 0	Surveying Radioactive Shipments

5. Unresolved and Open Items

The following matters were noted by the inspector during previous inspections. Corrective actions were reviewed during this inspection.

a. Station Vent Monitor Sample Piping

The station vent monitor sample piping appeared to contain potential particulate traps. It was later found that this piping must be replaced in response to NUREG 0737 requirements. Replacement has not been completed. This item is therefore considered closed. (50-373/80-01-02)

b. Cooling Water for Evaporators

It was learned that the licensee intended to cool the floor drain and chemical waste evaporators with service water instead of reactor building closed cooling water as stated in Section 9.2.3 of the FSAR. This matter was referred to NRC Headquarters for resolution. This change was considered and approved by NRR during their SER review. (50-373/80-33-01)

c. Process Radiation Monitoring

Preoperational test PT-PR-101 contained an incorrect sequence of tests for several process monitors. The test procedure has been revised. No additional problems were found. (50-373/80-01-01)

d. Solid Radwaste

Four air cylinder operated valves and associated limit switches in the solid radwaste packaging system did not appear to meet the FSAR commitment concerning remote operation or location in low radiation areas. In accordance with an agreement made with NRR, the licensee has equipped these valves with reach rods. The inspector has no further questions at this time. (50-373/80-51-01)

The licensee had no quality control program to ensure that the type of cement purchased was compatible with the process method. The licensee has established a proposed process control program, which includes cement type, which will be submitted to NRR for review. The inspector has no further concerns at this time. (50-373/80-11-02)

6. IE Bulletin No. 79-19

The licensee's actions in response to IE Bulletin No. 79-19, "Packaging of Low-Level Radioactive Waste for Transport and Burial," were reviewed. No significant abnormalities were identified during the licensee's review. No problems were noted. (50-373/79-38-35)

As a result of a past inspection finding concerning inconsistencies between quality assurance, radiation protection, and radwaste procedures, the licensee committed to perform a management directed audit of activities associated with the packaging and shipping of radioactive materials before fuel load. (50-373/80-07-02) The inspector suggested to licensee management that matters discussed in IE Bulletin 79-19 be included in this audit. The licensee acknowledged the suggestion and stated that the matter would be considered.

7. IE Circular No. 78-03

The licensee's actions in response to IE Circular No. 78-03, "Packaging Greater Than Type A Quantities of Low Specific Activity Radioactive Material for Transport," were reviewed. The licensee revised procedure LRP 1520-1 to include precautions concerning greater than Type A quantities of LSA materials. No problems were noted. (50-373/79-33-13)

8. Exit Meeting

The inspector met with licensee representatives (denoted in Section 1) at the conclusion of the inspection on August 7, 1981. The inspection scope and remaining open items were discussed. In response to comments made by the inspector about RCT retraining test scores, the licensee acknowledged the comments and said that the matter would be reviewed and investigated.