

U.S. NUCLEAR REGULATORY COMMISSION
REGION III

Reports No. 50-254/83-07(DRMSP); 50-265/83-07(DRMSP)

Docket Nos. 50-254; 50-265

Licenses No. DPR-29; DPR-30

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

Facility Name: Quad-Cities Nuclear Generating Station, Units 1 and 2

Inspection At: Quad-Cities Site, Cordova, IL

Inspection Conducted: February 25, 1983

Inspectors: *C. J. Paparella*
M. P. Phillips
W. B. Gloersen
W. B. Gloersen

March 9, 1983

March 8, 1983

Approved By: *C. J. Paparella*
W. L. Axelson, Chief
for Emergency Preparedness Section

March 9, 1983

Inspection Summary

Inspection on February 25, 1983 (Reports No. 50-254/83-07(DRMSP);
50-265/83-07(DRMSP))

Areas Inspected: Routine announced followup inspection of licensee actions on items previously identified during the emergency preparedness implementation appraisal and scenario development for the May 1983 exercise. The inspection involved ten inspector-hours onsite by two NRC inspectors.

Results: No items of noncompliance or deviations were identified.

DETAILS

1. Persons Contacted

*N. Kalavianakis, Station Superintendent
R. Carsons, Lead Health Physicist
R. Jessup, GSEP Coordinator
J. Barr, Lead Emergency Planner, Northern Team
B. Dwyer, Emergency Planner, Northern Team
J. Schnitzmeyer, Technical Support Staff

*Was notified of the inspection findings by telephone on March 3, 1983.

2. Licensee Action on Previously Identified Items

a. Confirmation of Action Letter (CAL)

(Closed) Confirmation of Action Letter (CAL) Item 254/82-02-09 and 265/82-02-09: QEP 530-2 must be revised to ensure that required communications checks with the NRC are conducted. Section F.8 of QEP 530-2 (Revision 8) describes the monthly test of the Emergency Notification System (ENS) phones. This section requires all ENS phones to be tested each month using QEP 530-S3. In addition, this procedure also requires a test of the Health Physics Network (HPN) monthly. Although only one of the three HPN phones at the facility are tested each month, the procedure requires that each phone be tested at least once each quarter. These communications checks are documented on copies of either QEP 530-S2 (HPN) or QEP 530-S3 (ENS). This latter checklist includes all of the communications checks specified in 10 CFR Part 50, Appendix E, Section IV.E.9.d. This item is considered closed.

(Closed) CAL Item 254/82-02-02 and 265/82-02-02: Ensure interim Emergency Operations Facility (EOF) contains a copy of the Final Safety Analysis Report (FSAR) and Piping and Instrumentation Diagrams (P&IDs). The interim EOF is no longer functional. The licensee has made the permanent EOF in Morrison, IL operational, and has relocated all records and drawings to this permanent facility. The inspectors examined the permanent EOF and determined that a complete copy of the FSAR, station procedures and P&IDs were available. This item is considered closed.

b. Open Items

(Closed) 254/82-02-17 and 265/82-02-17: Installation of all equipment, supplies, and the Safety Parameter Display System (SPDS) must be completed in the permanent Technical Support Center (TSC). The completion of the TSC, including all required assessment parameters, will be specified in a confirmatory order to be issued after review of the licensee's response to Supplement 1 of NUREG-0737. A post implementation appraisal will then be conducted. For the purpose of tracking this item is considered closed.

(Closed) 254/82-02-18 and 265/82-02-18: Completion of the permanent EOF must be accomplished in accordance with NUREG-0696. The completion of the EOF, including all required assessment equipment, will be specified in a confirmatory order to be issued after review of the licensee's response to Supplement 1 of NUREG-0737. A post implementation appraisal will then be conducted. For the purpose of tracking this item is considered closed.

3. Scenario Development Meeting

The inspectors reviewed the attached copy of the proposed objectives and scope of participation for the licensee's upcoming emergency preparedness exercise and found them to be acceptable. The exercise will be full-scale for the State of Iowa.

4. Exit Meeting

The inspectors contacted Mr. N. Kalavianakis, Station Superintendent, by telephone on March 3, 1983, and presented the results of the inspection.

Attachment: Quad-Cities Exercise
Objectives and Scope of
Participation

Quad Cities Exercise

OBJECTIVES

PRIMARY OBJECTIVE:

Demonstrate the capability to implement the Commonwealth Edison Generating Stations Emergency Plan in cooperation with the Illinois Plan for Radiological Accidents and the Iowa Emergency Plan to protect the public in the event of major accident at the Quad Cities Station.

SUPPORTING OBJECTIVE:

1. Demonstrate the capability to classify accident conditions and make timely reports in accordance with the GSEP.
2. Demonstrate the capability to activate the TSC, EOF, & CCC with directors and appropriate staff in accordance with procedures.
3. Demonstrate the capability to interface in a timely and effective manner with the principal offsite organizations responsible for responding to a radiological emergency.
4. Demonstrate the capability to exercise initial control of off-site environmental activities, transfer control to appropriate state agencies and coordinate employment of CECO environmental resources in support of state controlled environmental activities.
5. Demonstrate the capability to conduct in-plant radiation protection activities and collect and simulate analysis of air or liquid samples.
6. Demonstrate the capability of environmental field teams to conduct field radiation surveys and collect air, liquid, vegetation and soil samples.
7. Demonstrate the capability to calculate off-site dose projections in coordination with governmental agencies, for both noble gases and radio iodine.
8. Demonstrate the capability to effectively communicate reports, information and assessments of the situation among all participating principal command and control centers.
9. Demonstrate the capability to process information and take appropriate action in accordance with plans and procedures.
10. Demonstrate the capability to contact organizations that would normally assist in the given emergency situation, but are not fully participating in this exercise.
11. Demonstrate the capability to provide timely and accurate on site accountability.

SCOPE OF PARTICIPATION

Commonwealth Edison will participate in the Quad Cities exercise by activating the on-site emergency response organization and the near-site EOF as appropriate, subject to limitations that may become necessary to provide for safe efficient operation of the Quad Cities and other CECO nuclear generating stations.

Activation of the TSC and other on-site participants will be conducted on a real time basis during the day time hours. The shift on duty will receive the initial scenario information and respond accordingly.

The Nuclear Duty Person and the balance of the Recovery Group will be prepositioned close to the Quad Cities to permit use of Recovery Group personnel from distant locations.

The Corporate Command Center will be activated.

Commonwealth Edison will demonstrate the capability to make contact with contractors whose assistance would be required by the simulated accident situation, but will not actually incur the expense of using contractor services to simulate emergency response except as prearranged specifically for the exercise.

Commonwealth Edison will arrange to provide actual transportation and communication support in accordance with existing agreements to the extent specifically prearranged for the exercise. Commonwealth Edison will provide unforeseen actual assistance only to the extent the resources are available and do not hinder normal operation of the company.

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