

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

REGION III

Report No. 50-254/79-23; 50-265/79-20

Docket No. 50-254;50-265

License No. DPR-29; DPR-30

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

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

Inspection At: Quad-Cities Site, Cordova, IL

Inspection Conducted: October 29-November 2, 1979

Inspectors: *R. J. Greer*
R. J. Greer

11/21/79

N. Chrissotimos
N. Chrissotimos

11 27 79

Approved By: *T. H. Essig* for
T. H. Essig, Chief
Environmental and Special
Projects Section

11/21/79

Inspection Summary

Inspection on October 29-November 2, 1979 (Report No.50-254/79-23;
50-265/79-20

Areas Inspected: Routine, announced inspection of emergency planning, including an examination of the licensee's audit of their Emergency Plan, coordination with offsite support agencies, facilities and equipment, training, drills and meteorological and effluent monitoring systems; radiological environmental monitoring program; and confirmatory measurements program. The inspection involved 49 inspector-hours on site by two NRC inspector.

Results: For the eight areas inspected no apparent items of noncompliance or deviations were noted.

1755 214

8001160 3410

DETAILS

1. Persons Contacted

Licensee Personnel

- *N. Kalivianakis, Station Superintendent
- *L. Gerner, Technical Staff Supervisor
- *J. Heileman, Quality Assurance
- *R. Flessner, Rad-Chem Supervisor
- G. Toleski, Security Administrator
- M. Whitmore, Laboratory Foreman
- P. Shafer, Health Physicist
- P. Krippnar, Training Instructor

Off-Site Agency Personnel

- C. Lee, Assistant Administrator of Volunteer Services,
Jane Lamb Hospital
- T. Gibson, President, Daley Gibson Ambulance Service
- H. Poel, Chief Cordova Fire Department

*Denotes those present during exit interview

2. Licensee Action on Previous Inspection Findings

- a. (Closed) Noncompliance (50-254/78-23; 50-265/78-24):
Failure to adhere to procedures.
 - (1) Failure to check seismic recorder daily for proper operation. The licensee's corrective action was to change the procedure requiring that the seismic recorder be checked daily. Based on the vendor's recommendations licensee personnel have added an operating procedure which requires the seismic recorder to be checked quarterly.
 - (2) Failure to maintain first aid kits and emergency respiratory equipment at specified locations. The inspectors checked the locations and contents of first aid supplies and respiratory equipment at each location and verified that the supplies are located as indicated in procedure QEP-500-2.
 - (3) Failure to maintain emergency equipment as required in GSEP lockers. The inspectors verified that tripods were located as required in the GSEP lockers
- b. (Closed) Outstanding inspection item (50-254/78-23; 50-265/78-24): Failure to perform an adequate review of station emergency procedures (QEP Series) during the required on-site

review. The inspectors examined the results of the annual review of the Quad Cities Emergency Procedures conducted in January 1979 and confirmed that a thorough review of the procedures was performed

3. General

This inspection was a review of the emergency planning activities at the site, in conjunction with the NRR Emergency Planning Site Review. The inspectors also made a brief examination of the licensee's radiological environmental monitoring program and confirmatory measurements program. These areas will be reviewed in detail during a later inspection.

4. Emergency Planning

a. Licensee Internal Audit and Review

The inspector reviewed the annual quality assurance audit of the Generating Station Emergency Plan (GSEP) activities and the on-site review of the GSEP and Quad Cities Emergency Procedures (QEP's). The review was conducted in January 1979. In response to an outstanding inspection item from the previous inspection, the licensee assured a thorough review of the Quad Cities Emergency Procedures by assigning procedure series to department managers for review and revision as necessary. Several areas were noted as needing revisions. The inspectors determined that action was taken for each area so noted. The inspectors determined this review to be adequate and have no further questions regarding this matter.

b. Coordination with Off-site Support Agencies

The inspectors reviewed records and written letters of agreement relating to licensee coordination of emergency planning with off-site support agencies. The inspectors determined during this review that the letters of agreement were updated in September 1979.

During this inspection, the inspectors visited representatives of the off-site support agencies identified in Paragraph 1. The inspector determined that coordination between the agencies and the licensee was adequate for the agencies to maintain an effective response capability.

No apparent items of noncompliance or deviations were noted.

c. Facilities, Equipment and Supplies

During this inspection, the inspectors examined the licensee's first aid kits, emergency respiratory supplies, and emergency

lockers and decontamination stations. The inspectors found all kits to be located as specified in the appropriate emergency procedure and all equipment to be as specified.

d. Training

The inspectors reviewed records covering the scheduling and content of emergency plan training provided to licensee personnel, including and first aid, fire brigade training, and general station retraining. In addition, the inspectors examined personnel training records and determined that all required training was conducted as scheduled.

No apparent itmes of noncompliance or drviations were identified.

e. Drills

The inspectors examined the licensee's records covering the conduct of emergency plan drills or exercises. Drills have been conducted as required in the appropriate emergency procedures, and drill critiques have been held. In response to an item noted during a previous inspection, the licensee's medical contractor conducted an additional training session for hospital personnel at the Jane Lamb Hospital, and a second emergency medical drill was held in August 1979. This drill was observed by the NRC resident inspector and was noted to proceed smoothly. In response to the problem previously noted there was no interference by RMC personnel with hospital personnel during the drill. The inspectors consider this drill to be adequate and have no more questions concerning this item.

f. Meteorological and Effluent Monitoring Systems

The inspectors examined the site and auxiliary meteorological and effluent monitoring systems.

While examining the auxiliary meteorology equipment, the inspectors observed that the wind speed indicator was not operating. This indicator was repaired while the inspectors was on-site. All other meteorological and effluent monitoring equipment was found to be functional. This wind speed indicator is part of the auxiliary meteorological equipment and is used only to indicate wind speed for the control room operator. This problem was also noted during a previous inspection.

This indicator will be examined during a future inspection.

5. Radiological Environmental Monitoring Program

The inspectors examined the results of the licensee's radiological environmental monitoring program for 1978 and through August 1979. Apparently missing data were identified and discussed with licensee representatives. No unusual results or trends were noted by the inspectors.

6. Confirmatory Measurements Program

During this inspection the inspector collected samples for future comparative analysis. These samples included a liquid radwaste sample, airborne particulate and charcoal filter samples and a gaseous waste sample. Results of analyses on these samples will be compared at a future date.

7. Exit Interview

The inspectors met with licensee representatives denoted in Paragraph 1 at the conclusion of the inspection on November 2, 1979. The inspectors summarized the scope and findings of the inspection and stated that the deviation found during the last emergency planning inspection would be closed out. No problems were noted during the inspection.