

In Reply Refer To:
Docket: 50-285/89-29

OCT 16 1989

Omaha Public Power District
ATTN: Kenneth J. Morris, Division Manager
Nuclear Operations
444 South 16th Street Mall
Omaha, Nebraska 68102-2247

Gentlemen:

This refers to the team inspection conducted by Mr. Nemen M. Terc of this office and other accompanying personnel during the period July 18-20, 1989, of activities authorized by NRC License DPR-40 for Fort Calhoun Station, to the discussion of our findings with you and other members of your staff at the conclusion of the inspection, and to your letter dated August 14, 1989.

Areas examined during the inspection included the implementation of the emergency plan and procedures during the annual emergency response exercise. Within these areas, the inspection consisted of selective examination of procedures and representative records, interviews with personnel, and observations by the NRC team. The inspection findings are documented in the enclosed inspection report.

Within the scope of the inspection, no violations or deviations were identified.

The enclosed report identifies six exercise weaknesses in your emergency preparedness program. One weakness pertains to the conduct of the exercise scenario and involves over-staffing of emergency facilities. Another weakness involves the selection of a staff member whose expertise was specifically advantageous for your response to the particular scenario events. These staffing decisions hindered, to some extent, our evaluation of your ability to respond to the simulated accident conditions of your scenario with the same organizational hierarchy and staff described in the plan and normally expected to be available. In addition, the repeat weaknesses pertaining to the staff response to the injured/contaminated person, the fact that timely personnel accountability during evacuation of the protected area was not demonstrated, and the prompting and over-staffing during the exercise are of concern to us.

We also noted that at the end of the exercise, your staff had not been able to ascertain the hypothetical source of the containment radiation leak. Specifically, the system and the room where the leak was occurring were identified, however, the physical conditions of that room did not comport with a steam/water environment. In addition, it was noted that confusing aspects of

RIV:SEPS
*NMTerc:jt
09/05/89

C:SEPS
*DAPowers
09/05/89

C:RPB
*BMurray
09/05/89

J. B. Beach
D:DRSS
ABBB
10/12/89

J. M. Milhoan
D:DRP
JLMilhoan
10/15/89

*Previously concurred.

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IC35

the scenario resulted in the recovery manager being preoccupied with reducing the containment pressure and failing to devote adequate attention to the offsite radiological consequences associated with the plume. While we are confident that in the event of an actual emergency your organization would be able to promptly and effectively respond, we encourage you to devote more attention to scenario realism and in particular to offsite dose consequences.

Exercise weaknesses according to 10 CFR Part 50, Appendix E. IV.F.5 are inspection findings that need to be corrected by the licensee. You are requested to provide this office with a description of your corrective measures and your schedule for completing these measures within 30 days after receipt of this letter.

We have also examined measures that you have taken with regard to previously identified inspection findings. The status of these items is identified in paragraph 2 of the enclosed report. Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

Gwynn, for:

James L. Milhoan, Director
Division of Reactor Projects

Enclosure:
Appendix - NRC Inspection Report
50-285/89-29

cc w/enclosure:
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bcc to DMB (IE35)

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