



## Omaha Public Power District

1623 HARNEY ■ OMAHA, NEBRASKA 68102 ■ TELEPHONE 536-4000 AREA CODE 402

April 30, 1982  
LIC-82-180



Mr. Robert A. Clark, Chief  
U. S. Nuclear Regulatory Commission  
Office of Nuclear Reactor Regulation  
Division of Licensing  
Operating Reactors Branch No. 3  
Washington, D.C. 20555

Reference: Docket No. 50-285

Dear Mr. Clark:

Subject: Schedules for Completing NUREG-0737 Tasks

The Commission's letter to the Omaha Public Power District, dated March 17, 1982, requested the District identify its schedule for implementing several tasks identified in NUREG-0737 which were scheduled to be implemented between July 1, 1981 and March 1, 1982. The tasks of concern were detailed in Enclosure 1 of the March 17, 1982 letter. For those tasks listed on Enclosure 1 of the March 17, 1982 letter, confirmation that the task is complete or a revised schedule with justification for that revision is provided in Attachment 1 to this letter. Attachments 2 and 3 detail compensatory measures taken in the interim pending full implementation of the three tasks not completed on schedule.

Sincerely,

W. C. Jones  
Division Manager  
Production Operations

Attachments

cc: LeBoeuf, Lamb, Leiby & MacRae  
1333 New Hampshire Avenue, N.W.  
Washington, D.C. 20036

A046  
5/1/82

Attachment 1

STATUS OF NUREG-0737 TASKS FOR THE FORT CALHOUN STATION

<u>Item</u>	<u>Title</u>	<u>Requirement</u>	<u>Status</u>
I.A.3.1	Simulator Exams	Include simulator exams in licensing exams.	Completed October 1, 1981.
II.B.2	Plant Shielding	Modify facility to provide access to vital areas under accident conditions.	Complete, with the exception of painting and cutting an access opening in the ceiling to allow access to the radwaste panel area. The permanent opening, the removable plug and painting are expected to be in place by May 30, 1982. However, from a functional standpoint, this modification is considered complete.
II.B.3	Post-Accident Sampling	Install upgrade post-accident sampling capability.	Due date revised to June 30, 1982, as detailed in District's letter dated April 1, 1982. See Attachment 2.
II.B.4	Training for Mitigating Core Damage	Complete training program.	Complete. See District's letter dated December 28, 1981.
II.E.1.2	Auxiliary Feedwater Initiation and Flow Indicator	Modify instrumentation to level of safety grade.	Complete. See District's letter dated December 28, 1981.
II.E.4.2	Containment Isolation Dependability	Part 5 - Lower containment pressure setpoint to level compatible with normal operation. Part 7 - Isolate purge and vent valves on radiation signal.	Complete. Part 5 closed out by Commission's letter to the District dated February 24, 1982. For Part 7, see District's letter dated February 12, 1982.

Attachment 1  
(Continued)

<u>Item</u>	<u>Title</u>	<u>Requirement</u>	<u>Status</u>
II.F.1	Accident Monitoring	(1) Install noble gas effluent monitors.	(1) Revised due date to June 30, 1982. See District's letter dated April 1, 1982 and Attachment 3.
		(2) Provide capability for effluent monitoring of iodine.	(2) Revised due date to June 30, 1982. See District's letter dated April 1, 1982 and Attachment 3.
		(3) Install in-containment radiation-level monitors.	(3) Complete. See District's letter dated December 28, 1981.
		(4) Provide continuous indication of containment pressure.	(4) Complete. See District's letter dated December 28, 1981.
		(5) Provide continuous indication of containment water level.	(5) Complete. See District's letter dated December 28, 1981.
		(6) Provide continuous indication of hydrogen concentration in containment.	(6) Installation completed December 31, 1981. See District's December 28, 1981 and March 10, 1982 letters.

## Attachment 2

### TASK II.B.3 POST-ACCIDENT SAMPLING INTERIM MEASURES

In response to NUREG-0578, Task 2.1.8.a, the District implemented interim procedures using existing equipment for obtaining and analyzing reactor coolant and containment atmosphere samples following an accident. These interim procedures were reviewed and approved by ONRR during a plant visit on March 7, 1980, as documented in the Commission's letter dated April 7, 1980. During a subsequent inspection by IE (IE Report 81-12), a concern was identified regarding compliance with the personnel exposure limits using NUREG-0737 source terms.

The District has recently completed a reanalysis of the potential (worst case) personnel radiation exposure utilizing the existing interim sampling equipment and has determined that additional measures need to be taken to allow for interim post-accident sampling capability following most accident scenarios. The new permanent sampling system has been installed and is currently undergoing pre-operational testing, calibration, and personnel training. It is presently expected that the permanent system will be operational by June 30, 1982. In the interim, improvements are being made to our existing capabilities to obtain reactor coolant system samples.

Attachment 3

TASKS II.F.1(1) AND II.F.1(2)  
EFFLUENT NOBLE GAS AND IODINE MONITORING INTERIM MEASURES

In response to NUREG-0578, Task 2.1.8.b, the District developed interim procedures and/or installed temporary equipment for effluent monitoring of noble gas and radioiodine. These interim measures were found acceptable by the Commission, as documented in the Commission's letter dated April 7, 1980.