

June 7, 1985

Docket No. 50-285

Mr. R. L. Andrews
Division Manager - Nuclear Production
Omaha Public Power District
1623 Harney Street
Omaha, Nebraska 68102

Dear Mr. Andrews:

SUBJECT: SAFETY PARAMETER DISPLAY SYSTEM

The staff has completed its review of your submittals dated April 15 and October 28, 1983, and December 7, 1984 dealing with the Fort Calhoun Station Safety Parameter Display System (SPDS).

Based upon our review, we have concluded that no serious safety questions are posed by the proposed SPDS and, therefore, implementation may continue. We have found that (1) the variables selected for display are generally adequate to assess critical safety functions, (2) the design provides means to assure that displayed data are valid, and (3) the fiber optic cables used in the design are qualified isolators and are acceptable for interfacing the SPDS with safety systems.

As a result of our review, we have also determined that we need additional information of a confirmatory nature. You have agreed to submit a human factors review of the SPDS. We plan to conduct a confirmatory review of the human factors report when submitted. This will be the subject of a separate safety evaluation. In addition, adequate information was not provided in your submittals for us to confirm acceptability of all of the isolation devices used to interface the SPDS with the plant. This will also be the subject of a separate safety evaluation. It is requested that you provide the additional information requested in the safety evaluation within 30 days of your receipt of this letter or provide a date that you can meet within 15 days of your receipt of this letter.

Since we have determined that we need additional information of a confirmatory nature, we are not in a position at this time to state that the Fort Calhoun Station SPDS meets or will meet the requirements of Supplement 1 to NUREG-0737. Such confirmation can be made only after a post-implementation audit or when sufficient information is available for the staff to make such a determination.

The request for information contained in this letter affects fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

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Mr. R. L. Andrews

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Please contact your project manager, E. G. Tourigny, at (301) 492-7110 if you have any questions concerning this letter.

Our safety evaluation is enclosed.

Sincerely,

Original signed by:

Edward J. Butcher, Acting Chief
Operating Reactors Branch #3
Division of Licensing

Enclosure:
As stated

cc w/enclosure
See next page

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