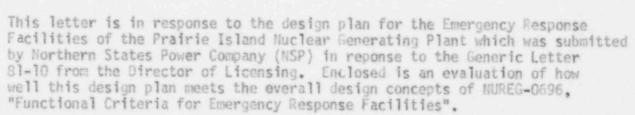
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Slocket Field DCS MS-016

Docket Nos. 50-282 and 50-306

> Mr. L. O. Mayer, Manager Nuclear Support Services Northern States Power Company 414 Nicollet Mall - 8th Floor Minneapolis, Minnesota 55401

Dear Mr. Mayer:



The conceptual design approach of NSP's Emergency Response Facilities appears to follow the broad concepts given in MUREG-0696, however, the information submitted is inadequate to determine if a number of details of this design meet the specific criteria set forth in the NUREG. In addition, there are several items which do not appear to meet specific criteria in NUREG-0696 and no adequate clarification or justification for these deviations is given.

The items which do not appear to meet the specific criteria and the deviations not adequately justified are the following:

- 1. The size of the TSC.
- The lack of dedicated communications between the control room, the TSC and the OSC.
- 3. The locating of the backup EOF 55 miles from the plant.

The principal information inadequacies with NSP's design plan are the following:

- 1. The functions of the TSC, the OSC and the EOF.
- The location of the functional work areas, emergency staff and arrangement of work spaces with the necessary data and communications hardware for the TSC and the EOF.

*TSC - Technical Sup					
*EOF - Emergency Ope	rations Facilit	У			***************************************
OFFICE* *OSC - Operations Su	pport Center			********	**********
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- 3. The size and layout of the OSC.
- 4. The structural and habitability requirements for the EOF and the TSC.
- The radiological monitoring systems to be used in the TSC, the OSC and the EOF.
- 6. The design, hardware, location, software and layout of the Phase II and III data acquisition systems and their schedule of implementation.
- 7. The control room emergency functions are interfaces with the other emergency response facilities.

Your conceptual design plan is considered acceptable providing you correct the deficiencies given above and assuming that the items for which no evaluation could be made because of inadequate information meet the criteria of NUREG-0696. It is recommended that you review this evaluation reportbased on draft NUREG-0814, "Methodology for Evaluation of Emergency Response Facilities" in detail and revise the design of the Prairie Island Emergency Response Facilities accordingly. Deficiencies and items for which inadequate information was provided will receive special attention during the NRC post-implementation inspection. Should you desire an additional review of your revised design prior to our post-implementation inspection you must submit the revised material within 45 days of the date of this letter. We would then provide you with the results of our review within 40 days of the date of receipt of your resubmittal.

NSP will be responsible for the timely implementation of the NUREG-0696 criteria regardless of whether you request an additional design review by the NRC staff. However, any resubmitted items reviewed and found acceptable will not be included with the items to receive special attention during the NRC post-implementation inspection.

Sincerely,

Original signed by Robert A. Clark

Robert A. Clark, Chief Operating Reactors Branch #3 Division of Licensing Office of Nuclear Reactor Regulation

Enclosure: As stated

cc: See next page

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cc:

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