

# NSP

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

October 17, 1979

Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Prairie Island Nuclear Generating Plant  
Docket Nos. 50-282 License Nos. DPR-42  
50-306 DPR-60

## Revised Schedule for Fire Protection Modifications

The following information related to revised implementation dates for fire protection modifications is provided in accordance with paragraph 2.C.4 of the operating licenses for the Prairie Island Nuclear Generating Plant. Paragraph 2.C.4 requires the completion of modifications identified in section 3.1 of the NRC's Fire Protection Safety Evaluation, dated September 6, 1979. If any modification cannot be completed on schedule, a report explaining the circumstances and proposing a revised schedule must be submitted for NRC Staff approval.

The following modifications cannot be completed as originally scheduled:

| <u>Item</u>                                   | <u>Modification</u>  | <u>Reason for Delay</u>   |
|---|--|---|
| 3.1.2<br>(1), (2), (4)                        | Fire hose accessories, hose, booster hoses with variable nozzles | All additional equipment has been ordered, but not all equipment is expected to arrive by December 31, 1979. Also, it will be more efficient to replace unlined hose during the regularly scheduled January, 1980, hose station inspection. |
| 3.1.4<br>(1), (2), (3),<br>(4), (10),<br>(11) | Floor trench, ramp, curbs, sprinkler system                      | These items cannot be completed by December 31, 1979, because of other work assigned to the plant technical staff which has a higher priority.  |
| 3.1.5<br>(1), (2)                             | Fire retardant coating   | Painters will not be available for this work prior to October 31, 1979. An approved coating for foam insulation still has not been selected.  |

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| <u>Item</u>   | <u>Modification</u>        | <u>Reason for Delay</u>  |
|---------------|----------------------------|--|
| 3.1.6<br>(1)  | Gas cylinder relocation    | The diamethylamine cylinder has been removed. Repiping the propane cylinders is a major design change which cannot be completed by October 31, 1979.   |
| 3.1.10<br>(1) | Foam application equipment | Equipment has been ordered, but it is not expected to arrive prior to October 31, 1979.  |
| 3.1.11<br>(1) | Centralized storage locker | The water-proof tarpaulins have been received along with many of the other items ordered for the fire brigade. Equipping of the central locker has been postponed however until all material is received and the locker can be properly sized and provided with storage locations. |
| 3.1.16<br>(1) | Detector location markings | This work will not be completed prior to December 31, 1979, because of the large number of markings required (there are about 800 fire detectors at Prairie Island).   |
| 3.1.19<br>(1) | Fire door inspection       | A formal surveillance procedure has not yet been issued for this inspection. A review of all plant doors must be completed to determine which doors are affected (many doors are now automatically supervised as a result of security system improvements).                        |
| 3.1.20<br>(1) | Hydrant hose valves        | The required fittings have been ordered, but not yet received.   |

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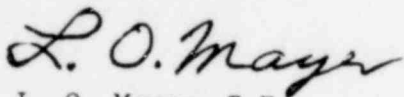
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The following revised schedule is proposed for the modifications discussed above:

| <u>Item</u> | <u>Date</u>      |
|-------------|------------------|
| 3.1.2       | March 31, 1980   |
| 3.1.4       | August 31, 1980  |
| 3.1.5       | March 31, 1980   |
| 3.1.6       | June 30, 1980    |
| 3.1.10      | March 31, 1980   |
| 3.1.11      | March 31, 1980   |
| 3.1.16      | June 30, 1980    |
| 3.1.19      | January 31, 1980 |
| 3.1.20      | March 31, 1980   |

We will attempt to complete the other fire protection modifications and analyses by the dates specified in Tables 3.1 and 3.2. However, our technical staff, operations, maintenance, clerical, and craft personnel have been under an enormous work load for the past several months. This situation can be expected to continue indefinitely due to work mandated by the Commission Staff's Three Mile Island review groups, new issues raised by the Division of Operating Reactors, the Fire Protection Safety Evaluation Report, and an unprecedented number of I&E Bulletins. It will be necessary to assign priorities to these tasks so that we utilize our manpower and other resources to rapidly complete those tasks having direct safety significance.

Please contact us if you require additional information related to our revised schedule.



L. O. Mayer, P.E.  
Manager of Nuclear Support Services

LOM/DMM/amh

cc: J. G. Keppler  
G. Charnoff

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