



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

80-555  
#19

DEC 18 1980

MEMORANDUM FOR: T. Novak, Assistant Director for Operating Reactors, DL  
FROM: L. S. Rubenstein, Assistant Director for Core and Containment Systems, DSI  
SUBJECT: REQUEST FOR RELIEF FROM IMPLEMENTATION SCHEDULE FOR NUREG-0737, ITEM II.F.2, INSTRUMENTATION FOR DETECTION OF INADEQUATE CORE COOLING

Plant Name: Prairie Island 1 & 2  
Docket Numbers: 50-282, 50-306  
NSS Supplier: Westinghouse  
Licensing Stage: OR  
Responsible Branch: Operation Reactors Branch #3  
Project Manager: R. Martin  
Review Status: Complete

The Thermal-Hydraulic Section of Core Performance Branch has reviewed Northern States Power Company's (NSP) request for relief from the implementation schedule for NUREG-0737, Item II.F.2, Instrumentation for Detection of Inadequate Core Cooling for Prairie Island Units 1 & 2, dated November 20, 1980 from L. Mayer (NSP) to H. Denton (NRC).

NSP proposed to participate in an industry development program which is not defined and therefore does not include a schedule. Their guess is that the program would require two years for completion and an additional two years for procurement and installation of the equipment. There is no assurance that the program would be successful or would lead to choice of a system other than those which are already commercially available. Finally, they propose to submit design details and their schedule for installation, testing, and evaluation of the selected system six months after the NRC certifies that the system is acceptable. We require such information before we can determine that the system is acceptable.

The NSP proposal would result in clearly unacceptable delay in implementation of any system. This is contrary to the staff position which is clearly stated in NUREG-0737. Our letter to the Commissioners, SECY-80-529, December 4, 1980, recommends that the NUREG-0737 schedule requirements (January 1, 1981 for selection and documentation of the measurement system and January 1, 1982 for installation) should be maintained.

Contact: T. Huang  
X-29413

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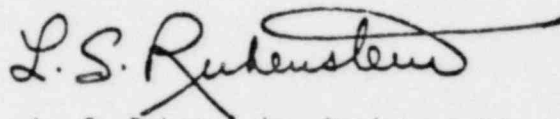
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T. M. Novak

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Please advise NSP that the program proposed in their November 20 submittal is unacceptable and in no way relieves them of the responsibility to provide the II.F.2 documentation required in January 1981 as specified in NUREG-0737.



L. S. Rubenstein, Assistant Director  
for Core and Containment Systems  
Division of Systems Integration

cc: D. Ross  
L. Rubenstein  
W. Johnston  
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