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DOCKET NUMBER  
PROPOSED RULE PR-50  
(4/6 PR 18045)



# Minnesota Pollution Control Agency



April 6, 1981

Mr. Samuel J. Chilk  
Secretary of the Commission  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Re: Proposed Amendments to 10 C.F.R. § 50.34(e)

Dear Mr. Chilk:

The U. S. Nuclear Regulatory Commission (Commission) has proposed amendments to the Commission's Rules of Practice, 10 C.F.R Part 50. The proposed amendments would add a set of licensing requirements applicable to construction permit and manufacturing license applications pending at the effective date of the rule. The Commission requested comments on these proposed amendments by April 13, 1981.

The Minnesota Pollution Control Agency (MPCA) Staff has reviewed the proposed amendments. The MPCA Staff has no objection to the specific provisions of the proposed rule; however, the MPCA Staff believes that additional portions of the TMI Action Plan should be incorporated into the rule. Specifically, the items the MPCA Staff believes should be added as requirements of construction permit applicants are set out below. The MPCA Staff believes these additional requirements would improve the review of construction permit applications and would avoid later problems in the review of operating license applications. The references are to the related action plan items in NUREG-0718 and NUREG-0660.

I.A.4.1:

Initial simulator improvement review should be required of construction permit applicants. This would be consistent with the incorporation into the rule of Item I.A.4.2.

I.C.1:

Short-term accident analysis and procedures revision should be required of construction permit applicants. This would be consistent with the incorporation into the rule of Items I.C.5 and I.C.9.

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II.B.4, 6 and 7.

Training for mitigating core damage, risk reduction for operating reactors at sites with high population densities, and analysis of hydrogen control should be included in construction applicants' consideration of degraded or melted cores safety review.

II.E.2.1 and 3.

Although the emergency core cooling system is extensively reviewed at the operating license application stage, it would be preferable to review reliance on the emergency core cooling system and uncertainties in performance predictions at the construction permit application stage. In addition, the Commission should consider including review of measures to mitigate small-break loss of coolant accidents and loss of feedwater accidents (See Item II.K 1-3) at the construction permit application stage.

II.E.3.2 and 3:

Analysis of decay heat removal capability at the construction permit application stage should include analysis of systems reliability and coordinated study of shutdown heat removal. This would be consistent with incorporation into the rule of Item II.E.3.1.

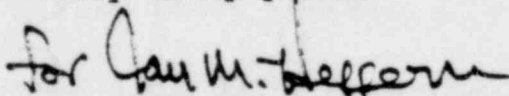
II.J.1.1:

A construction permit applicant should be required to establish a priority system for conducting vendor inspections.

III.D.1.1-4; III.D.2.1,3 and 4.

The construction permit applicant should be required to fully analyze radiation source control and public radiation protection improvement. Although these items are analyzed at the operating license application stage, it would be reasonable to include them at the construction permit application stage because, to varied degrees, these items relate to the plant design.

Very truly yours,



LOUIS J. BREIMHORST  
Executive Director

LJB:MES:sjg