

JUN 06 1985

MEMORANDUM FOR: William E. Cline, Chief  
Emergency Preparedness Section

FROM: Ronald R. Marston, Radiation Specialist  
Emergency Preparedness Section

SUBJECT: REVIEW OF PROPOSED EMERGENCY PLAN  
CHANGE - HATCH NUCLEAR PLANT

I. Background

The licensee submitted a proposed Radiological Emergency Plan change dated May 3, 1985. The change proposes to reduce the river water level requirement for declaration of a Notification of Unusual Event under low river water conditions from 62.4 feet above mean sea level (MSL) to a level of 61.9 feet above MSL.

II. Evaluation of Substantive Changes

The Plant is required by Technical Specifications to be shut down when the river water level reaches 61.7 feet MSL. The Enclosure to the requests states that when all applicable factors are considered (sandbag dam, inflow of groundwater, and flow supplementation by releasing water from an upriver dam), there will still be adequate time to make preparation for plant shutdown prior to reaching the assigned shutdown level of 61.7 feet MSL.

Comment:

The licensee's analysis was reviewed. The analysis concluded that the proposed change would not significantly reduce the effectiveness of the plan, if at all. Although the proposed change represents a numerical decrease, the overall state of emergency preparedness would not be effected by the change. The proposed change would not have any impact on the safe shutdown of the plant. Adequate provisions and controls exist through the licensee's Technical Specifications for safe shutdown of the plant under low water conditions. The Technical Specifications direct shutdown of the plant at a river water level of 61.7 feet MSL which is below the level of 61.9 proposed by the licensee for declaration of the Notification of an Unusual Event (NOUE). Excerpts from the plant's Technical Specifications which govern the shutdown condition are provided as an Enclosure to this evaluation. Also in the Enclosure is a summary of the licensee's current and proposed levels for declaration of an NOUE. The proposed change was discussed with the Hatch Project Manager (NRR) and representatives of the Division of Reactor Projects, Region II on May 15, 1985. All parties agreed that the proposed change did not decrease the level of safety at the plant. It was also agreed that this was not a 10 CFR 50.59 issue.

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III. Summary and Conclusion

Based on the review of the proposed change to the Hatch Nuclear Plant REP, the reviewer determined that the plan will continue to meet the provisions of 10 CFR 50.54(q), 10 CFR 50.47(b), 10 CFR 50, Appendix E, and Section II of NUREG-0654. The letter to the licensee should reflect this.

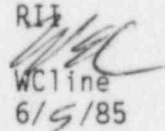
Ronald R. Marston

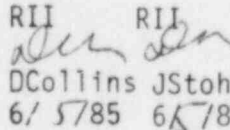
Enclosure:  
Technical Specification Limits on  
River Level/Flow

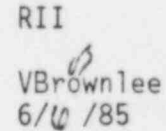
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