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SUBJECT: Discusses chronology of NRC 791010 ltr requesting revised emergency plan employing format of Reg Guide 1.101, Addl engineering effort required to resolve design details in order to assure consistency w/state plan.

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P.O. Box 1200, Green Bay, Wisconsin 54305

January 29, 1980

Mr. Darrell G. Eisenhut, Acting Director
Division of Operating Reactors
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Gentlemen:

Docket 50-305
Operating License DPR-43, Kewaunee Nuclear Power Plant
Emergency Plan

On October 10, 1979, your office issued a letter requesting a revised Emergency Plan for the Kewaunee Plant. The letter indicated that a revised Emergency Plan should employ the format of Regulatory Guide 1.101. The evaluation criteria was identified as Appendix E of 10 CFR 50, the regulatory staff positions of Regulatory Guide 1.101 and the criteria of internal staff document "Emergency Planning Review Guideline Number One-Revision One-Emergency Planning Acceptance Criteria for Licensed Nuclear Power Plants."

The Kewaunee Plant Emergency Plan description was submitted for Commission review May 12, 1972, as amendment Number 7 of the FSAR. That submittal was responsive to Appendix E of 10 CFR 50 which was codified in 1971.

On July 24, 1972, the Staff Safety Evaluation on the Kewaunee Plant was issued. On page 13-5 of that evaluation the staff stated:

"The applicant has established a formal organization for coping with emergencies that includes written agreements, liaison and communication with appropriate local, State, and Federal agencies that have responsibilities for these matters. The applicant has defined a spectrum of accidents including criteria for determining when protective measures should be considered. Formal arrangements have been made by the applicant to provide for medical support in the event of a radiological or other emergency. Provisions for periodic training and drills have been included in the emergency plans.

We have reviewed the details of the emergency plan and conclude that it is in substantial conformance with 10 CFR Part 50 Appendix E Emergency Planning Requirements."

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The requirements of 10 CFR 50 Appendix E have not been altered since 1971.

In 1977 the Kewaunee Nuclear Power Plant Emergency Plan was augmented to include EPA Protection Action Level Guidelines. Agreement letters with all participating governmental or outside agencies were updated following the revision. Subsequently in December of 1978 conformance to the requirements was verified by IE Inspection Report No. 050-305/78-24 which addressed an unannounced emergency planning inspection involving 30 onsite inspector hours without identification of any items of non-compliance or deviations.

On September 20, 1979, the State of Wisconsin Division of Emergency Government provided an updated copy of the Wisconsin Peacetime Radiological Emergency Response Plan for our concurrence. On October 22, 1979, the formal letter of agreement with the State of Wisconsin was executed.

Wisconsin Public Service Corporation has committed to numerous modifications to the Kewaunee Plant to implement the recommendations of NUREG 0578 (TMI Lessons Learned). Included in those modifications are a number of items which impact upon emergency planning. As stated in our submittal of December 31, 1979, some of those issues require additional engineering effort to resolve design details and selection of the optimum alternatives.

Local emergency plans are presently under revision to be consistent with the revised State plan. Local meetings have been held between the administrators responsible for the State plan and the county Division of Emergency Government for the two affected counties of Kewaunee and Manitowoc. Representatives of Wisconsin Public Service Corporation were present at these meetings. We will continue to participate and provide assistance as requested by the Local Agencies in the revision of their emergency plans.

On December 19, 1979, the Nuclear Regulatory Commission issued a proposed revision to 10 CFR 50 including Appendix E for comment. The proposed revision to the rule incorporates a number of the staff positions of Regulatory Guide 1.101 and the criteria of the Emergency Planning Review Guideline Number One Revision One.

Whereas; an accepted, established and implemented emergency plan presently exists for the Kewaunee Plant, which is consistent with the State plan, which has been evaluated to be in conformance to the existing regulations by the AEC predecessor to the NRC, and the formal policy of the NRC is now unresolved as evidenced by issuance for comment of proposed rule changes; it is premature to revise the Kewaunee Plant Emergency Plan.

We are and will continue to cooperate with the State and local Emergency Government Agencies in the development of their plans and will update our

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plan as necessary to maintain consistency. The Kewaunee Emergency Plan will also be updated to address facility modifications such as the Emergency Operations Center and Technical Support Center. Following issuance of the revised 10 CFR 50 Appendix E for implementation appropriate modifications to the Emergency Plan will be developed.

Very truly yours,



E. R. Mathews, Vice President
Power Supply & Engineering

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