



CONSUMERS
POWER
COMPANY

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Mr. H. A. Denton
US Nuclear Regulatory Commission
Room 1130
1717 H Street, NW
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CONSUMERS POWER COMPANY (CP Co) ACTIVITIES ON MIDLAND
RELATED TO TMI-2 IMPACT AND RESOLUTION OF OPEN ITEMS

The purpose of this letter is to inform you of activities undertaken by CP Co to consolidate our ongoing safety review of the Midland Plant and to assure that we determine and properly take into account the implications of the TMI-2 accident.

On April 27, 1979, a Midland Nuclear Safety Task Force (NSTF) was formed. It consists of eleven engineers from Engineering Services, Quality Assurance, the Midland Project and Midland Operating staff.

To date the NSTF, working jointly with B&W and Bechtel personnel specifically assigned to this effort, has undertaken studies of the Midland design on over twenty-five items identified after reviewing the TMI-2 accident. Recommendations are currently under review with regard to improved operator information, anticipatory reactor trips, increased reliability of the auxiliary feedwater system and methods to handle noncondensable gases which might accumulate at high points within the primary coolant system. B&W is currently testing one of the Midland pressurizer relief valves similar to the one which did not close properly when pressure decreased at TMI. In addition, the Project is continuing to implement a 1978 decision to upgrade the pressurizer heater power and control as well as level indication, an action which has recently been recommended by others in response to TMI-2. Our Energy Supply Department has initiated efforts to improve emergency response plans, operation and training at our nuclear plants.

The NSTF has expanded our ongoing analysis of plant operating events to assure that this experience is factored into the Midland design. Detailed safety and operational sequence analyses are underway for selected transient and operating sequences.

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Consumers Power Company is a participating member of both the B&W 177 Fuel Assembly Owners Group and the B&W Owners Group for Nonoperating License Plants. I am a member of the AIF Policy Committee on Follow-up to the Three Mile Island Accident and Chairman of the Subcommittee on Control Room Considerations. Dr. T. J. Sullivan, Chairman of the NSTF, assisted at the TMI site following the accident and is a member of the AIF Subcommittee on Plant Recovery and is the designated CP Co coordinator for EPRI NSAC activities. In addition, one of our NSTF engineers will participate in the joint NRC-ANS-AIF effort to draft a standard on post-accident monitoring instrumentation.

With regard to issues previously identified during the NRC Staff's review of the Midland OL application, we have evaluated the impact of TMI-2 on these issues and the Project is proceeding with resolution of these items either on a unilateral basis to the best of our ability or as part of the normal licensing process to the extent that NRC Staff resources have been made available. Consumers Power is prepared to support the NRC Staff's review of the Midland OL application, taking into account the impact of the TMI-2 accident, on an expedited basis as soon as NRC reviewers can be made available.



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