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SUBJECT: Notices of re-evaluation of mods associated w/DCRDR program, per NUREG-0737 Item I.D.1.2 & schedule for DCRDR provided at 890223 meeting.

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April 1, 1991

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MONTICELLO NUCLEAR GENERATING PLANT
Docket No. 50-263 License No. DPR-22

Control Room Design Review
NUREG-0737 Item I.D.1.2 (TAC NO. 56140)

We would like to notify you that we are re-evaluating the modifications associated with the Detailed Control Room Design Review Program.

We provided a schedule for the Detailed Control Room Design Review (DCRDR) modifications in a meeting with you on February 23, 1989. To date, we have completed all the items through the 1989 refueling outage and plan to continue with the modifications to C05 during the next refueling, scheduled to begin in April of this year.

As we stated in our letter dated March 15, 1989, all Human Engineering Discrepancies that could have a potential impact on plant safety have been corrected. In addition, the Emergency Core Cooling Systems, Reactor Water Cleanup and the Recirculation System panels (C03 and C04) have been modified. The Reactor panel (C05) will be modified in April.

The initial approach for the control room panels was very aggressive, broad and not cost effective. The modifications for C03, C04 and C05 correct the majority of the significant human factor concerns for controls for the safety related equipment. Also, we have upgraded the process computer, added the Safety Parameter Display System, added a site specific simulator and improved associated operator training. These changes, in addition to the modifications to C03 and C04, have greatly improved the man-machine interface.

The fact that: 1) we have completed all discrepancies that could have any safety significance, 2) we have modified the panels containing the majority of the safety related equipment, 3) we have added the Safety Parameter Display System, and 4) we have added site specific simulator, have prompted us to re-access the remaining modifications. Most of these modifications are large scale changes to the plant drawings and wiring, requiring significant resources prior to and during the refueling outages. These resources could be

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better spent on other plant modifications with a greater improvement on plant safety. Therefore, we are planning to re-evaluate the uncompleted modifications and retain only the most important and cost effective modifications (e.g., relabeling the panels will be completed on all front panels). Following the re-evaluation, we will notify you and summarize the conclusions of the re-evaluation in September of this year.

The Detailed Control Room Design Review Committee will review all changes to our original plans. This committee was established by the program as described in our December 30, 1986 submittal (approved by the NRC Safety Evaluation Report dated June 7, 1989). The detailed documentation on the disposition and corrective actions for all the Human Engineering Discrepancies will be maintained in the DCRDR database.

Please contact us if you have questions concerning this issue.



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