



December 11, 1990

1CAN129005

U. S. Nuclear Regulatory Commission
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Washington, DC 20555

SUBJECT: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Deferral of Design Change Package 85-1050
"Remote Operation of MU-13"

Gentlemen:

On August 14, 1985 (1CAN088504), Entergy Operations submitted the Arkansas Nuclear One, Unit One (ANO-1) Control Room Design Review (CRDR) Final Summary Report to the NRC. Several human engineering discrepancies (HEDs) were identified in that report. HED VR:1-1.031 identified the need for a motor operator on valve MU-13, Reactor Makeup Tank (T-4) Manual Isolation Stop Check Valve. Emergency Operating Procedures require valve MU-13 to be closed during an emergency. This task is currently performed locally. This HED was classified as a Category I HED. (Category I HEDs are defined as those HEDs that could affect or has substantially affected a safety system or operator response during an emergency situation.) In letter 1CAN048607 (April 29, 1986) Entergy Operations informed the NRC that this HED would be corrected during the eighth and ninth refueling outages for ANO-1 (1R8 and 1R9). In letter 1CAN068805 (June 30, 1988) Entergy Operations confirmed that this HED would be corrected in 1R9. As discussed in letter 1CAN119016 (November 30, 1990) the correction of this HED is being deferred from 1R9 until a special outage due to unforeseen developments. As committed in 1CAN119016, this letter is to disposition the commitment related to this HED.

In response to this HED, Design Change Package (DCP) 85-1050 was developed. This DCP is to install a motor operator (Limitorque) on the existing reach rod and bevel gear assembly for valve MU-13. The motor operator is to be located in the control access corridor adjacent to the Makeup Tank T-4. This DCP is to also install remote actuation and indication in the Control Room.

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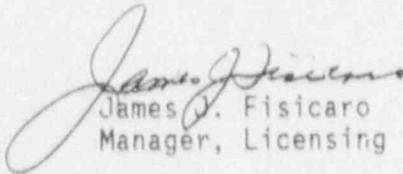
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This change is an Operator Enhancement item also. The system is operable with the deferral of the installation of this DCP. With the deferral of this modification, the requirements for an operator to locally close this valve will remain in the Emergency Operating Procedures.

The deferral of this modification does not pose an undue risk to the public health and safety. Entergy Operations is committed to correct all Category I HEDs in a timely manner and this HED will be corrected in the special outage.

Should you have any questions regarding this issue, please contact me.

Very truly yours,



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