



December 17, 1990

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U. S. Nuclear Regulatory Commission  
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SUBJECT: Arkansas Nuclear One - Unit 1  
Docket No. 50-313  
License No. DPR-51  
Information Concerning An Additional  
Modification To Be Deferred From  
The Ninth Refueling Outage

Gentlemen:

In letter dated November 30, 1990 (1CAN119016), Entergy Operations provided information to the NRC concerning the modifications that were being deferred from the current ninth refueling outage (IR9) at Arkansas Nuclear One, Unit 1 (ANO-1) to a special mid-cycle outage. The purpose of this submittal is to provide information about an additional modification which will be deferred from IR9 to the special outage.

As previously indicated Design Change Package (DCP) 89-1023, "Hydrogen Sampler System Modifications" has been deferred to the special mid-cycle outage. In reviewing the qualifying piping and pipe support analyses for the modification as part of the final engineering reviews to support deferral, it was determined that the piping/support analysis for DCP 87-1022, "Containment Isolation Valve for Air Particulate Monitor", is addressed in DCP 89-1023. Installation of DCP 87-1022 during IR9 would invalidate the operability determination for DCP 89-1023; therefore, DCP 87-1022 will also be deferred from IR9 to the special outage.

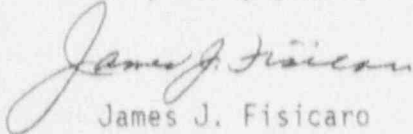
Both hydrogen monitors could become temporarily unavailable upon failure of the emergency backed "red" diesel generator immediately after a containment isolation (ES signal) actuation of the "green" Hydrogen Analyzer sample return line inboard containment isolation valve (valve CV-7446). Hydrogen recombiner operation is not dependent upon the hydrogen analyzer operation and only post-accident sampling capability would be lost. However, this loss would require the combination of a LOCA with the failure of a specific power source during a specific and short time period subsequent to the accident and it is considered to be extremely remote and therefore, the delay in implementation is acceptable.

The integrity of the system configuration and operation will remain intact as prior to any installation modifications that may have occurred during IR9. The deferral of this modification does not pose an undue risk to the public health and safety nor to the safe operation of ANO-1. The installation of DCP 87-1022 will occur simultaneously with the installation of DCP 89-1023 during the special outage.

The deferral of this DCP has been discussed with the NRR ANO-1 Project Manager.

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

Very truly yours,



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JJF/RWC/sgw

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