

December 16, 1994

0CAN129401

U. S. Nuclear Regulatory Commission
Document Control Desk
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Washington, DC 20555

Subject: Arkansas Nuclear One - Units 1 and 2
Docket Nos. 50-313 and 50-368
License Nos. DPR-51 and NPF-6
Refueling Outages Crediting the Station Blackout Diesel Generator

Gentlemen:

By letter dated August 3, 1993 (0CNA089304), Arkansas Nuclear One (ANO) was requested to inform the NRC if we plan to operate in a midloop or reduced inventory condition with fuel in the reactor vessel and with only one operable onsite source of emergency AC power. The shutdown operations protection plans for both ANO units currently require two available sources of emergency AC power during these conditions; however, with plant manager approval and prior NRC notification, one available source of emergency AC power is acceptable.

In response to the station blackout (SBO) rule, ANO committed to install an alternate AC power source which was subsequently selected to be a diesel generator (0CAN049107). It is Entergy Operations' intent to credit the SBO diesel generator as a third onsite source of emergency AC power during subsequent refueling outages for ANO Units 1 and 2 in order to satisfy the provisions of our shutdown operations protection plan. The SBO diesel generator installation will be complete prior to the next ANO-1 refueling outage (1R12) which is currently scheduled to begin February 14, 1995. The next ANO-2 refueling outage (2R11) is currently scheduled to begin September 15, 1995.

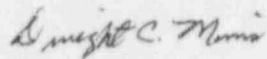
The SBO diesel generator is a non-Q onsite source of alternate AC power permanently located within the ANO protected area. The SBO diesel generator is interconnected to the 4160 volt electrical system of both ANO-1 and ANO-2, however, is completely independent of other emergency AC power sources including their auxiliaries. Plant equipment will continuously monitor and provide status indication of the SBO diesel generator and the equipment which provides for the transfer and control of power from the generator. If needed, the SBO diesel generator will be manually started from the

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ANO-2 control room. A detailed description of the SBO diesel generator was provided in a submittal dated August 14, 1992 (OCAN089203).

The above is provided for your information. Should you have any questions, please contact me.

Very truly yours,



Dwight C. Mims
Director, Licensing

DCM/nbm

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