



ENTERGY

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February 29, 1996

2CAN029602

U. S. Nuclear Regulatory Commission
Document Control Desk
Mail Station P1-137
Washington, DC 20555

Subject: Arkansas Nuclear One - Unit 2
Docket No. 50-368
License No. NPF-6
ANO-2 Reactor Coolant System Leak Detection Additional
Information - TAC No. M90610

Gentlemen:

By letter dated September 16, 1994 (2CAN099402), Entergy Operations provided information which demonstrated that the Arkansas Nuclear One, Unit 2 (ANO-2) leakage detection systems are consistent with the recommendations of Regulatory Guide 1.45. The Staff did not agree with conclusions regarding the capability and sensitivity of the containment sump level instrumentation as it related to detecting a one gallon per minute (gpm) reactor coolant pressure boundary leak in one hour.

During the most recent refueling outage, additional points were added to the plant computer monitoring system which included sump level. A rate-of-change algorithm which calculates sump level increase once per minute was also installed on the plant computer monitoring system. When a sump level increase equivalent to one gpm is detected, an alarm is generated on the plant computer monitoring system. This alarm will assist the operator in detecting a one gpm sump level increase within one hour and will be available when the plant computer monitoring system is operable.

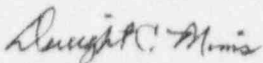
Should you have any questions, please contact me.

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Very truly yours,



Dwight C. Mims
Director, Nuclear Safety

DCM/nbm

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