



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

August 13, 1992

Docket No. 50-368

Mr. Neil S. Carns
Vice President, Operations ANO
Entergy Operations, Inc.
Route 3 Box 137G
Russellville, Arkansas 72801

Dear Mr. Carns:

SUBJECT: RELIEF REQUEST FROM NUREG-0737 - HYDROGEN MONITORING REQUIREMENT
FOR ARKANSAS NUCLEAR ONE, UNIT 2 (TAC NO. M82714)

By letter dated February 4, 1992, Entergy Operations requested relief from the 30 minute operability requirement in NUREG-0737 for the hydrogen monitoring system. The staff has reviewed the submittal and documented its findings in the enclosed Safety Evaluation (SE).

Based on our evaluation, the staff finds the request unacceptable and is hereby being denied. The staff maintains that the requirement to detect hydrogen concentration in containment within 30 minutes after a loss-of-coolant accident (LOCA) is critical to timely and proper determination of plant condition and effective operator actions to mitigate the accident.

Sincerely,

A handwritten signature in cursive script that reads "Thomas W. Alexion".

Thomas W. Alexion, Project Manager
Project Directorate IV-1
Division of Reactor Projects III/IV/V
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
See next page

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PDR ADDCK 050C0368
P PDR

Mr. Neil S. Carns
Energy Operations, Inc.

Arkansas Nuclear One, Unit 2

cc:

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Support and Chief Operating Officer
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Regional Administrator, Region IV
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Honorable Joe W. Phillips
County Judge of Pope County
Pope County Courthouse
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Ms. Greta Dicus, Director
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