



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

March 22, 2001

MEMORANDUM TO: File

FROM: *TWA* Thomas W. Alexion, Project Manager, Section 1  
Project Directorate IV & Decommissioning  
Division of Licensing Project Management

SUBJECT: ARKANSAS NUCLEAR ONE, UNIT 2 RE: DISCUSSIONS REGARDING  
PROPOSED CONTAINMENT PURGE AND PENETRATION  
TECHNICAL SPECIFICATIONS (TAC NO. MA9741)

The U. S. Nuclear Regulatory Commission (NRC) staff has had discussions with Entergy Operations, Inc., the licensee, regarding the licensee's August 10, 2000, application on the above subject. In order to facilitate these discussions, the licensee provided the draft information in the attachment. This draft information may be revised if and when the licensee decides to supplement their application. This information was not used in rendering any regulatory decisions.

The purpose of this memorandum is to place the attachment in the Public Document Room.

Docket No. 50-368

Attachment: As stated



ARKANSAS NUCLEAR ONE  
1448 S.R. 333  
Russellville, AR 72802

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**FAX COVERLETTER**

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DATE: **March 21, 2001**

TO: **Tom Alexion**  
COMPANY or LOCATION: **U. S. Nuclear Regulatory Commission**  
TELEPHONE NUMBER  
FACSIMILE (FAX) NUMBER:  
VERIFICATION NUMBER:

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FROM: **David Bice**  
TELEPHONE NUMBER:  
LOCATION: **Arkansas Nuclear One Licensing Department**  
OUR FAX NUMBER:  
OUR VERIFICATION NUMBER  
NUMBER OF PAGES INCLUDING COVER: **3**

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COMMENTS:

Please review and determine if proposed TS pages are acceptable. Thanks.

REFUELING OPERATIONSCONTAINMENT BUILDING PENETRATIONSLIMITING CONDITION FOR OPERATION

3.9.4 The containment building penetrations shall be in the following status:

- a. The equipment door is capable of being closed,
- b. A minimum of one door in each airlock is capable of being closed, and
- c. Each penetration providing direct access from the containment atmosphere to the outside atmosphere shall be either:
  1. Closed by an manual or automatic isolation valve, blind flange, or manual valve equivalent, or
  2. Capable of being closed by an Exhausting through OPERABLE containment purge and exhaust isolation system HEPA filters and charcoal adsorbers.

APPLICABILITY: During CORE ALTERATIONS or movement of irradiated fuel within the containment.

ACTION:

With the requirements of the above specification not satisfied, immediately suspend all operations involving CORE ALTERATIONS or movement of irradiated fuel in the containment. The provisions of Specification 3.0.3 are not applicable.

SURVEILLANCE REQUIREMENTS

4.9.4.1 Each of the above required containment penetrations shall be determined to be in its above required conditions within 72 hours prior to the start of and at least once per 7 days during CORE ALTERATIONS or movement of irradiated fuel in the containment.

~~4.9.4.2 The containment purge and exhaust system shall be demonstrated OPERABLE at the following frequencies:~~

- ~~b. At least once per 10 months or (1) after any structural maintenance on the HEPA filter or charcoal adsorber housings, or (2) following painting, fire or chemical release in any ventilation zone communicating with the system by:~~

\* Penetration flow path(s) providing direct access from the containment atmosphere to the outside atmosphere may be unisolated under administrative controls. Administrative controls shall ensure that appropriate personnel are aware that when containment penetrations, including both personnel airlock doors and/or the equipment door are open, a specific individual(s) is designated and available to close the penetration an airlock door and the equipment door following a required evacuation of containment, and any obstruction(s) (e.g., cables and hoses) that could prevent closure of an airlock door and/or the equipment door be capable of being quickly removed.

REFUELING OPERATIONSCONTAINMENT BUILDING PENETRATIONSLIMITING CONDITION FOR OPERATION

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- b. A minimum of one door in each airlock is capable of being closed, and
- c. Each penetration providing direct access from the containment atmosphere to the outside atmosphere shall be either:
  1. Closed by a manual or automatic isolation valve, blind flange, or equivalent, or
  2. Capable of being closed by an OPERABLE containment purge and exhaust isolation system.

APPLICABILITY: During CORE ALTERATIONS or movement of irradiated fuel within the containment.

ACTION:

With the requirements of the above specification not satisfied, immediately suspend all operations involving CORE ALTERATIONS or movement of irradiated fuel in the containment. The provisions of Specification 3.0.3 are not applicable.

SURVEILLANCE REQUIREMENTS

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