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**Thomas A. Marlow**  
Director  
Nuclear Safety Assurance

2CAN050603

May 31, 2006

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

**SUBJECT:** Supplement to Amendment Request  
to Allow One-Time Extension of Containment Spray System  
Allowable Outage Time  
Arkansas Nuclear One, Unit 2  
Docket No. 50-368  
License No. NPF-6

**REFERENCES:**

1. Entergy letter to the NRC dated September 19, 2005, License Amendment Request to Allow One-Time Extension of Containment Spray System Allowable Outage Time (2CAN090502)
2. Entergy letter to the NRC dated February 28, 2006, Supplement to Amendment Request to Allow One-Time Extension of Containment Spray System Allowable Outage Time (2CAN020602)

Dear Sir or Madam:

By letter (Reference 1), Entergy Operations, Inc. (Entergy) proposed a change to the Arkansas Nuclear One, Unit 2 (ANO-2) Technical Specifications (TSs) to allow a one-time extension of the containment spray system allowable outage time. A supplemental letter was also provided (Reference 2).

Attachment 1 provides a copy of the clean TS page which includes a minor modification. The original proposed change limited the one-time extension to fuel cycles 18 and 19. The modified page reflects a change in the fuel cycles to cycles 19 and 20. This does not result in a technical change to the original submittal or supplemental response. The original no significant hazards consideration included in Reference 1 is not affected by the change on the TS page. There are no new commitments contained in this letter.

If you have any questions or require additional information, please contact Dana Millar at 601-368-5445.

A001

I declare under penalty of perjury that the foregoing is true and correct. Executed on May 31, 2006.

Sincerely,

  
TAM/DM

Attachments:

1. Revised Technical Specification Pages

cc: Dr. Bruce S. Mallett  
Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 400  
Arlington, TX 76011-8064

NRC Senior Resident Inspector  
Arkansas Nuclear One  
P. O. Box 310  
London, AR 72847

U. S. Nuclear Regulatory Commission  
Attn: Mr. Drew Holland  
MS O-7 D1  
Washington, DC 20555-0001

Mr. Bernard R. Beville  
Director Division of Radiation  
Control and Emergency Management  
Arkansas Department of Health and Human Services  
P. O. Box 1437  
Slot H-30  
Little Rock, AR 72203-1437

**Attachment 1**

**To**

**2CAN050603**

**Revised Technical Specification Pages**

## CONTAINMENT SYSTEMS

### 3/4.6.2 DEPRESSURIZATION, COOLING, AND pH CONTROL SYSTEMS

#### CONTAINMENT SPRAY SYSTEM

##### LIMITING CONDITION FOR OPERATION

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- 3.6.2.1 Two independent containment spray systems shall be OPERABLE with each spray system capable of taking suction from the RWT on a Containment Spray Actuation Signal (CSAS) and automatically transferring suction to the containment sump on a Recirculation Actuation Signal (RAS). Each spray system flow path from the containment sump shall be via an OPERABLE shutdown cooling heat exchanger.

APPLICABILITY: MODES 1, 2, and 3.

ACTION:

With one containment spray system inoperable, restore the inoperable spray system to OPERABLE status within 72 hours (Note 1) or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

##### SURVEILLANCE REQUIREMENTS

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- 4.6.2.1 Each containment spray system shall be demonstrated OPERABLE:
- a. At least once per 31 days by:
    1. Verify each containment spray manual, power operated, and automatic valve in the flow path that is not locked, sealed, or otherwise secured in position is in the correct position.
    2. Verifying that the system piping is full of water from the RWT to at least elevation 505' (equivalent to > 12.5% indicated narrow range level) in the risers within the containment.
  - b. Verify each containment spray pump's developed head at the flow test point is greater than or equal to the required developed head when tested pursuant to the Inservice Testing Program.

Note 1: For fuel cycles 19 and 20, each train of the containment spray system may be removed from service for up to 7 days or one train may be removed from service two times. The 7-day allowance may be applied only twice.