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UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION IV  
612 EAST LAMAR BLVD, SUITE 400  
ARLINGTON, TEXAS 76011-4125

October 21, 2008

Mr. Timothy G. Mitchell  
Vice President Operations  
Arkansas Nuclear One  
Entergy Operations, Inc.  
1448 S.R. 333  
Russellville, AR 72802-0967

SUBJECT: ARKANSAS NUCLEAR ONE – NRC INSPECTION SITE-SPECIFIC  
IMPLEMENTATION OF B.5.B PHASE 2 AND 3 MITIGATING STRATEGIES  
TEMPORARY INSTRUCTION INSPECTION REPORT 05000313/2008006 AND  
05000368/2008006

Dear Mr. Mitchell:

On September 11, 2008, the U.S. Nuclear Regulatory Commission (NRC) completed a site-specific implementation of B.5.b, Phase 2 and 3, temporary instruction team inspection of your Arkansas Nuclear One, Units 1 and 2. The enclosed report documents the team's results, which were discussed on September 11, 2008, with you and other members of your staff.

The inspection examined activities conducted under your license as they relate to the implementation of B.5.b, Phase 2 and 3, mitigating strategies, your compliance with the Commission's rules and regulations, and with the condition of your operating license. Within these areas, the inspection involved examination of selected procedures and records, observation of activities, and interviews with station personnel.

This report documents one NRC-identified finding of very low safety significance (Green). This finding was determined to involve a violation of NRC requirements. Because of the very low safety significance and because this violation was entered into your corrective action program, the NRC is treating this finding as a noncited violation, in accordance with Section VI.A.1 of the NRC's Enforcement Policy. If you contest this NONCITED VIOLATION, you should provide a response within 30 days of the date of this inspection report, with the basis for your denial, to the Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington DC 20555-0001; with copies to the Regional Administrator, Region IV; the Director, Office of Enforcement, United States Nuclear Regulatory Commission, Washington, DC 20555-0001; and the NRC Resident Inspector at Arkansas Nuclear One , Units 1 and 2, facility.

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In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room). However, because of the sensitive information contained in the enclosure, and in accordance with 10 CFR 2.390, a copy of this letter's enclosure will not be available for public inspection.

If Safeguards Information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR 73.21. Otherwise, mark your entire response "Security-Related Information-Withhold Under 10 CFR 2.390" and follow the instructions for withholding in 10 CFR 2.390(b)(1).

Sincerely,

*/RA/*

Ryan E. Lantz, Chief  
Operations Branch  
Division of Reactor Safety

Dockets: 50-313; 50-368  
Licenses: DPR-51; NPF-6

Enclosure:  
INSPECTION REPORT 05000313/2008006  
AND 05000368/2008006 w/Attachment  
Supplemental Information

cc w/enclosure:  
David E. Maxwell, Director  
Arkansas Department of Emergency Management  
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Camp Joseph T. Robinson  
North Little Rock, AR 72199

cc w/o enclosure:  
Senior Vice President  
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