

December 17, 2003

Mr. George McCluskey  
Senior Archeologist  
State Historic Preservation Office  
323 Center Street, Suite 1500  
Little Rock, AR 72201

SUBJECT: ARKANSAS NUCLEAR ONE, UNIT 2 LICENSE RENEWAL REVIEW  
(AHPP TRACKING NUMBER 47149)

Dear Mr. McCluskey:

The U.S. Nuclear Regulatory Commission (NRC) staff is reviewing an application to renew the operating license for Arkansas Nuclear One, Unit 2 (ANO-2), which is located in Pope County, Arkansas, approximately 6 miles northwest of Russellville, Arkansas. ANO-2 is operated by Entergy Operations, Inc. (Entergy). The application for renewal was submitted by Entergy on October 15, 2003, pursuant to NRC requirements at Title 10 of the *Code of Federal Regulations* Part 54 (10 CFR Part 54). The NRC has established that, as part of the staff review of any nuclear power plant license renewal action, a site-specific Supplemental Environmental Impact Statement (SEIS) to its "Generic Environmental Impact Statement for License Renewal of Nuclear Plants" (GEIS), NUREG-1437, will be prepared under the provisions of 10 CFR Part 51, the NRC rules that implement the National Environmental Policy Act of 1969 (NEPA). In accordance with 36 CFR 800.8, the SEIS will include analyses of potential impacts to historic and cultural resources.

In the context of the National Historic Preservation Act of 1966, as amended, the NRC staff has determined that the area of potential effect (APE) for a license renewal action is the area at the power plant site and its immediate environs that may be impacted by post-license renewal land disturbing operations or projected refurbishment activities associated with the proposed action. The APE may extend beyond the immediate environs in those instances where post-license renewal land disturbing operations or projected refurbishment activities, specifically related to license renewal, may potentially have an effect on known or proposed historic sites. This determination is made irrespective of ownership or control of the lands of interest.

While preparing its application, Entergy contacted your office by letter dated October 4, 2002, and your office responded on November 12, 2002. In its letter, Entergy stated that there are no plans to alter current operations over the license renewal period. Entergy further stated that no refurbishment, construction, or modification activities are planned for the purpose of license renewal. Also, Entergy has an administrative procedure in place that requires an archeological survey to be performed prior to any ground-disturbing activities on any previously undisturbed areas of the ANO site.

G. McCluskey

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On February 3, 2004, the NRC will conduct two public NEPA scoping meetings at the Holiday Inn, 2407 North Arkansas Avenue, Russellville, Arkansas 72802. You and your staff are invited to attend. Your office will receive a copy of the draft SEIS along with a request for comments. The anticipated publication date for the draft SEIS is September 2004. If you have any questions or require additional information, please contact the Environmental Project Manager for the ANO-2 license renewal project, Mr. Thomas Kenyon at 301-415-1120 or [TJK2@nrc.gov](mailto:TJK2@nrc.gov).

Sincerely,

**/RA/**

Pao-Tsin Kuo, Program Director  
License Renewal and Environmental Impacts  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket Nos.: 50-368

Enclosure: As stated

cc w/o encl.: See next page

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Sincerely,

**/RA/**

Pao-Tsin Kuo, Program Director  
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Docket Nos.: 50-368

cc.: See next page

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