

April 12, 2001

Mr. Craig G. Anderson  
Vice President, Operations ANO  
Entergy Operations, Inc.  
1448 SR 333  
Russellville, Arkansas 72801

SUBJECT: ARKANSAS NUCLEAR ONE, UNITS 1, LICENSE RENEWAL SAFETY  
EVALUATION REPORT

Dear Mr. Anderson:

By a letter dated January 31, 2000, Entergy Operations, Inc., submitted an application to the U.S. Nuclear Regulatory Commission (NRC) for renewal of Arkansas Nuclear One, Unit 1 (ANO-1), operating license for an additional 20 years. The license renewal application (LRA) was submitted pursuant to Title 10 of the *Code of Federal Regulations*, Part 54. The NRC determined that the LRA was complete and acceptable for docketing on February 22, 2000. Since that time, the NRC staff has reviewed the ANO-1 LRA, issued requests for additional information (RAIs), reviewed the applicant's responses to the staff's RAIs, developed an initial SER with open items (dated January 2001), and reviewed the applicant's response to the open items as documented in a letter to the NRC dated March 14, 2001. On the basis of this review, the staff has developed the enclosed SER to document its finding associated with the safety review of the ANO-1 LRA and supporting documentation.

If you have any questions regarding this matter, you can contact the project manager, Robert Prato at 301- 415-1147.

Sincerely,

**/RA/**

David B. Matthews, Director  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket Nos. 50-313

Enclosure: As stated

cc w/enclosure: See next page

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\*See previous concurrence

**ML011030091**

**SER: ML011020554**

DOCUMENT NAME:C:\fser\_cvr.wpd \*SEE ATTACHED SIGNATURE SHEETS

\*\*SE PREVIOUS CONCURRENCE SHEET

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Docket No. 50-313

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