

February 26, 2004

LICENSEE: Entergy Nuclear Generation Company

FACILITY: Arkansas Nuclear Station, Unit 2

SUBJECT: SUMMARY OF TELEPHONE CALLS BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION (NRC) AND THE ENTERGY OPERATIONS INCORPORATED CONCERNING DRAFT RESPONSES TO QUESTIONS PERTAINING TO THE ARKANSAS NUCLEAR ONE, UNIT 2 LICENSE RENEWAL APPLICATION (TAC NO. MB8402)

On December 15 and December 16, 2003, the NRC's staff and representatives of the Entergy Operations held telephone conferences to discuss draft request for additional information (RAI) pertaining to the scoping and screening methodology for the Arkansas Nuclear One, Unit 2 License Renewal Application (LRA). On the basis of the discussions, the applicant plans to submit, in writing, the responses to the several topics discussed. A summary of the topics discussed is presented below:

Draft RAI 2.2-1

The staff questioned the system nomenclature used in the LRA. In the ANO-2 LRA, systems are identified by system codes used in the ANO component database as depicted in the first column of LRA Tables 2.2-1a and 2.2-1b. LRA Section 2.2 (page 2.2-1) states that the component database system codes are not always the same as the system acronyms used in the UFSAR. Furthermore, some system codes are grouped into "Aging Management Review (AMR) systems" for the purpose of grouping systems in the scoping and screening results presented in LRA Section 2.3. The staff stated that in order to determine whether there is reasonable assurance that plant-level systems and structures in scope and subject to an AMR for license renewal have been properly identified, the licensee should provide a complete cross-reference listing between component database system codes and Updated Final Analysis Safety Analysis Report (UFSAR) system acronyms.

Draft RAI 2.2-2

This item questioned LRA Tables 2.3.3-1 through 2.3.3-11. Certain components, such as reducers enlargers, flanges, caps, test ports, etc., were not listed in the tables. The staff asked if these components had been grouped in the tables as component type "piping."

Draft RAI 2.2-3

This item questioned the classification of twin baskets and "Y" strainers that were shown to be in the scope of license renewal and subject to an Aging Management Review (AMR) on several boundary drawings. The components were not listed in the corresponding tables (LRA Tables 2.3.3-1 through 2.3.3-11). The staff asked if the components were considered as part of the component type "filter" and/or "filter housing."

Draft RAI 2.2-4

This item questioned an apparent inconsistency in how the licensee identified components subject to aging management review. LRA Section 2.1.1 stated that the license renewal boundary drawings indicated components subject to an aging management review. The staff interpreted that license renewal drawing legends indicated that the highlighted portions of the drawings represent the systems and components that are within the scope of license renewal. Therefore, the staff found that the LRA component list may not reflect all the components subject to aging management review. This reflects an apparent inconsistency between the drawings and the statement in the LRA.

Draft RAI 2.3.3.8-1

This item questioned the apparent exclusion of two-flow venturi tubes from the LRA Tables 2.3.3-8 and 3.3.2-8. The staff found that the components were identified on license renewal boundary drawing LRA-M-2210, Sheet 1 as being within the scope of license renewal and subject to an AMR but not included in the LRA Tables.

A draft copy of this summary was provided to the applicant to give them an opportunity to comment prior to the summary being issued. A listing of the participants in the telephone conference calls is provided in Enclosure 1.

/RA/

Gregory F. Suber, Project Manager
License Renewal Section A
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket No: 50-368

Enclosure: 1. List of Attendees

Draft RAI 2.2-4

This item questioned an apparent inconsistency in how the licensee identified components subject to aging management review. LRA Section 2.1.1 stated that the license renewal boundary drawings indicated components subject to an aging management review. The staff interpreted that license renewal drawing legends indicated that the highlighted portions of the drawings represent the systems and components that are within the scope of license renewal. Therefore, the staff found that the LRA component list may not reflect all the components subject to aging management review. This reflects an apparent inconsistency between the drawings and the statement in the LRA.

Draft RAI 2.3.3.8-1

This item questioned the apparent exclusion of two-flow venturi tubes from the LRA Tables 2.3.3-8 and 3.3.2-8. The staff found that the components were identified on license renewal boundary drawing LRA-M-2210, Sheet 1 as being within the scope of license renewal and subject to an AMR but not included in the LRA Tables.

A draft copy of this summary was provided to the applicant to give them an opportunity to comment prior to the summary being issued. A listing of the participants in the telephone conference calls is provided in Enclosure 1.

/RA/

Gregory F. Suber, Project Manager
License Renewal Section A
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket No: 50-368

Enclosure: 1. List of Attendees

Accession No: ML040610542

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NAME	LA:	G. Suber	S. Lee
OFFICE	MJenkins	PM:RLEP	SC:RLEP
DATE	2/25/04	2/26/04	2/26/04

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**LIST OF PARTICIPANTS
TELEPHONE CALLS WITH ENTERGY OPERATIONS INC.
ARKANSAS NUCLEAR ONE, UNIT 2
LICENSE RENEWAL APPLICATION**

December 15 and 16, 2003

Attendees

Affiliation

Alan Cox	Entergy
Kerry Gaston	Entergy
Natalie Mosher	Entergy
Michael Stroud	Entergy
Kim Green	ISL
Steven Dennis	NRC
Jin-Sien Guo	NRC
Chang Li	NRC
Kamishan Martin	NRC
Kamal Naidu	NRC
Bill Rogers	NRC
Gregory Suber	NRC
Henry Wagage	NRC

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RLEP RF
Project Manager

E-MAIL:

PUBLIC
J. Craig
D. Matthews
F. Gillespie
C. Grimes
RidsNrrDe
E. Imbro
G. Bagchi
K. Manoly
W. Bateman
J. Calvo
R. Jenkins
P. Shemanski
J. Fair
S. Black
B. Boger
D. Thatcher
R. Pettis
G. Galletti
C. Li
J. Moore
R. Weisman
M. Mayfield
A. Murphy
S. Smith (srs3)
S. Duraiswamy
Y. L. (Renee) Li
RLEP Staff

J. Minns
R. Gramm
A. Howell
T. Alexion
Linda Smith RIV

Arkansas Nuclear One, Unit 2

cc:

Executive Vice President
& Chief Operating Officer
Entergy Operations, Inc.
P. O. Box 31995
Jackson, MS 39286-1995

Director, Division of Radiation
Control and Emergency Management
Arkansas Department of Health
4815 West Markham Street, Slot 30
Little Rock, AR 72205-3867

Winston & Strawn
1400 L Street, N.W.
Washington, DC 20005-3502

Mr. Mike Schoppman
Framatome ANP, Richland, Inc.
Suite 705
1911 North Fort Myer Drive
Rosslyn, VA 22209

Senior Resident Inspector
U.S. Nuclear Regulatory Commission
P. O. Box 310
London, AR 72847

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

County Judge of Pope County
Pope County Courthouse
Russellville, AR 72801

Vice President, Operations Support
Entergy Operations, Inc.
P. O. Box 31995
Jackson, MS 39286-1995

Wise, Carter, Child & Caraway
P. O. Box 651
Jackson, MS 39205

Garry Young
1448 SR 333
Russellville, AR 72802

Mr. Fred Emerson
Nuclear Energy Institute
1776 I St., N.W., Suite 400
Washington, DC 20006-3708

Mr. Jeffrey S. Forbes
Site Vice President
Arkansas Nuclear One
Entergy Operations, Inc.
1448 S. R. 333
Russellville, AR 72801

Mr. Craig G. Anderson
Vice President Operations, ANO
Entergy Operations, Inc.
1448 S. R. 333
Russellville, AR 72801