

June 4, 2003

MEMORANDUM TO: Robert A. Gramm, Chief, Section 1  
Project Directorate IV  
Division of Licensing Project Management

FROM: Thomas W. Alexion, Project Manager, Section 1 /RA/  
Project Directorate IV  
Division of Licensing Project Management

SUBJECT: FORTHCOMING MEETING WITH ENTERGY OPERATIONS, INC.

DATE & TIME: Tuesday, June 17, 2003  
1:00 p.m. - 4:00 p.m

LOCATION: U.S. Nuclear Regulatory Commission  
One White Flint North  
11555 Rockville Pike, Room 8B4  
Rockville, Maryland

PURPOSE: Entergy Operations, Inc. (EOI) will discuss: (1) its May 8, 2003, request for relaxation from NRC's vessel head inspection Order, Section IV.C.(1)(a), at Arkansas Nuclear One, Unit 2; (2) NRC's subsequent request for additional information (attached); and (3) a future request for relaxation from Section IV.C.(1)(b) of the Order.

CATEGORY 1: \* This is a Category 1 Meeting. The public is invited to observe this meeting and will have one or more opportunities to communicate with the NRC after the business portion, but before the meeting is adjourned.

PARTICIPANTS: Participants from the NRC include members of the Office of Nuclear Reactor Regulation (NRR).

<u>NRC</u>	<u>EOI</u>
W. Bateman, NRR	C. Anderson
T. Chan, NRR	W. James
A. Hiser, NRR	S. Bennett, et al.
R. Davis, NRR	
T. Alexion, NRR, et al.	

Docket No. 50-368

Attachment: Request for Additional Information

cc w/att: See next page

MEETING CONTACTS:	T. Alexion, NRR	J. Minns, NRR
	301-415-1326	301-415-3166
	<a href="mailto:tw@nrc.gov">tw@nrc.gov</a>	<a href="mailto:jlm3@nrc.gov">jlm3@nrc.gov</a>

\* Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings," (67 FR 36920), May 28, 2002

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NRC-001

OFFICE	PDIV-1/PM	PDIV-1/LA	PDIV-1/SC
NAME	TAlexion:	DJohnson	RGramm
DATE	6/04/03	6/04/03	6/04/03

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REQUEST FOR ADDITIONAL INFORMATION  
REQUEST FOR RELAXATION FROM SECTION IV.C.(1)(a) OF  
THE REACTOR VESSEL HEAD INSPECTION ORDER  
ARKANSAS NUCLEAR ONE, UNIT 2

The purposes of the bare metal visual (BMV) examination required by Section IV.C.(1)(a) of the Order are to detect the presence of deposits (indicative of leakage) at the interface of the reactor pressure vessel (RPV) head and the vessel head penetration nozzles, and to provide positive assurance of the integrity of the RPV head, i.e., that no corrosion of the RPV head is occurring. For the purpose of detecting deposits indicative of leakage, BMV is a diverse and complementary examination to the ultrasonic testing measurements required by Order Section IV.C.(1)(b)(i) or the surface examination requirements of Order Section IV.C.(1)(b)(ii). Therefore, one function of the BMV examination is to provide a second opportunity to identify a leaking nozzle that may have eluded detection by the non-visual examination required by Order Section IV.C.(1)(b). Absent a compensatory alternative (or alternatives) that supports this diverse and complementary function of the BMV examination for leakage detection and the function of providing assurance of integrity of the RPV head, approval of a relaxation request to not perform the BMV examination is unlikely.

The licensee needs to describe how its alternative examination(s) supports the functions of the BMV examination, in particular the diverse and complementary function of leakage detection to the non-visual examination requirements of Order Section IV.C.(1)(b), such that an acceptable level of quality and safety is achieved, or how performance of a BMV examination results in hardship without a compensating increase in the level of quality and safety, that justifies their alternative.

DISTRIBUTION FOR MEETING WITH ENTERGY OPERATIONS, INC. ON  
TUESDAY, JUNE 17, 2003

Dated: June 4, 2003

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March 2001