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March 16, 2006

VIA FEDEX

Sara E. Brock, Esq.
Office of the General Counsel
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Re: Request Under 10 CFR §§ 2.390 and 9.17 to Withhold Materials from Public Disclosure

Dear Ms. Brock:

As I mentioned in my letters dated January 31 and February 7, FENOC has asked the owners of documents that may contain proprietary information to review their documents and to supply FENOC with affidavits for any such document that the owners determine should be withheld from public disclosure. Consequently, in this letter I am forwarding to you:

- 1. Affidavit of Terry Young, Director of Communications for the Institute of Nuclear Power Operations, requesting withholding from public disclosure the documents listed in the table attached to the affidavit; and
- 2. Affidavit of Warren Bilanin, a Director of the Electric Power Research Institute, requesting withholding from public disclosure the documents listed in the table attached to the affidavit.

These are the last of the vendor affidavits responsive to your request to me dated November 9, 2005, and Christine Lipa's subsequent request to Mark Bezilla dated November 22, 2005. Please feel free to call me if you have any questions or would like to discuss these matters further.

Sincerely,

Jay M. Gutierrez

cc:

Attachments

Christine Lipa - Chief, Branch 4, Division of Reactor Projects



Institute of Nuclear Power Operations Suite 100 700 Galleria Parkway, SE Atlanta, GA 30339-5957 770-644-8000 FAX 770-644-8549

BEFORE THE U.S. NUCLEAR REGULATORY COMMISSION

AFFIDAVIT OF THE INSTITUTE OF NUCLEAR POWER OPERATIONS PURSUANT TO 10 C.F.R. § 2.390

PERSONALLY APPEARED BEFORE ME, the undersigned officer duly authorized by law to administer oaths, TERRY YOUNG, who after being sworn stated of his personal knowledge as follows:

- 1. I am the Director of Communications for the Institute of Nuclear Power Operations ("INPO") in Atlanta, Georgia. I have held this position continuously since May 2002, although during part of this time my title was "Manager of Communications." From January 1997 to April 2002, I served as a country manager and then as the Assistant to the Chair of the World Association of Nuclear Operators ("WANO") in Atlanta, Georgia, and London, England. In all, I have nearly twenty years of personal experience in the commercial nuclear power industry.
- 2. As Director of Communications for INPO, I have been specifically delegated by the Chief Executive Officer of INPO the function of protecting INPO information and reports from public

disclosure. I have similarly been specifically delegated the responsibility of designing and implementing procedures for ensuring that INPO information and reports are held in confidence by INPO. Finally, I am authorized by INPO to apply on its behalf for confidential treatment of its information and reports under 10 C.F.R. § 2.390.

- I have attached to this affidavit an index of 118 documents that I understand have been produced to the Commission by FirstEnergy Nuclear Operating Company ("FENOC"). These documents are all either events analysis reports prepared by INPO, such as Significant Event Notifications ("SENs") or Significant Event Reports ("SERs"), or e-mail messages that are directly related to INPO's events analysis cornerstone program.
- 4. Pursuant to a long-standing Memorandum of Understanding between the Commission and INPO, the Commission has full access to INPO events analysis reports, including those produced by FENOC as listed on the attached index.
- 5. The Commission has consistently for at least the past two decades treated INPO events analysis reports as confidential and proprietary. *E.g.*, *Critical Mass v. NRC*, 975 F.2d 871 (D.C. Cir. 1992) (*en banc*) (affirming Commission decision to withhold INPO events analysis reports under FOIA Exemption 4), *cert. denied*, 507 U.S. 984 (1993). On behalf of INPO, I request that the Commission continue to treat the INPO events analysis reports listed on the attached index as confidential and proprietary.
- 6. The e-mail messages listed on the attached index are all directly related to the INPO events analysis cornerstone program and are

therefore confidential and proprietary to INPO. Any public disclosure of these e-mail messages would undermine the effectiveness of the events analysis program in promoting improvements in the safe operation of nuclear plants. On behalf of INPO, I request that the Commission treat the e-mail messages listed on the attached index as confidential and proprietary to INPO.

Terry Young

SUBSCRIBED & SWORN TO BEFORE ME THIS \5 DAY OF FEBRUARY 2006

NOTARY PUBLIC

LINDA OWENBY
Notary Public, Paulding County, Georgia
My Commission Expires May 19, 2006

INPO DOCUMENTS FOR WHICH PROPRIETARY TREATMENT IS REQUESTED

No.	File Name (Item)	Document Description
		Documents produced to NRC OI
1.	61	E-mail between FENOC employees re: OE12980
2.	146	12/01 e-mails from A. Wise to A. Siemaszko re: OE13015, OE13003, 13056
3.	147	SEN 220
4.	149	INPO memorandum re: OE 13056
5.	152	INPO memorandum re: OE 13480
6.	153	OE 13480
7.	155	SER 4-01
8.	156	OE 13919
9.	168	OE 13454
10.	169	SEN 220
11.	172	OE 12980
12.	173	SER 4-01
13.	176	OE 13908
14.	189	SEN 190
15.	242	03/18/02 e-mail from INPO re: Small Accumulation of Boric Acid Found on Rx Vessel Head
16.	243	05/18/01 e-mail from INPO re: Cracked Studs from Steam Generator Feedwater Flow Control Valves
17.	245	05/18/01 e-mail from INPO re: Cracked studs from Steam Generator Feedwater Flow Control Valves
18.	280	10/23/01 e-mail from R. Cook to D. Wuokko re; TMI Event report from NRC through INPO
19.	303	OE 13056
20.	320	SER 04-01
21.	346	E-mail dated 3/27/02 from J. Perez RE: CRDM Crack OE 13480
22.	350	04/30/02 e-mail from J. Johnson to FENOC individuals re: attached OE 13681
23.	354	Event 38435 report
24.	355	Event 38416 report
25.	357	OE 38416
26.	358	OE 38416
27.	359	OE 12980
28.	360	OE 38493
29.	363	E-mail forwarding OE 38383
30.	366	OE 13203
31.	368	OE 38416
32.	369	OE 38435
33.	370	OE 38493
34.	384	OE 13056
35.	386	OE 12466
36.	387	E-mail from R. Slyker dated 7/16/01 forwarding INPO OE 12466
37.	389	E-mail forwarding INPO report regarding Oconee 3 head leakage.
38.	391	E-mail from R. Slyker dated 11/27/01 forwarding INPO OE12980

No.	File Name (Item)	Document Description
		Documents produced to NRC OI
39.	392	OE 12980
40.	394	E-mail from R. Slyker dated 11/27/01 forwarding INPO OE 13480
41.	396	E-mail from R. Slyker dated 3/20/02 forwarding INPO OE 13447
42.	398	E-mail from R. Slyker dated 3/11/02 forwarding INPO OE 13377
43.	400	E-mail from R. Slyker dated 3/20/02 forwarding INPO OE 13454
44.	404	E-mail from R. Slyker dated 7/16/01 forwarding INPO OE 12466
45.	407	SER 2-02
46.	442	SER 4-01
47.	467	SER 4-01
48.	475	SEN 220
49.	478	SER 04-01
50.	482	SER 04-01
51.	483	OE 12466

No.	File Name	Document Description
		Documents produced to NRC AIT
52.	OE 3:48 (1644).pdf	OE 348
53.	OE 2919 (1576).pdf	E-mail from J. Johnson forwarding OE 2919
54.	OE 3:464 (1577).pdf	E-mail from J. Johnson forwarding OE 3464
55.	OE 3.568 (1578).pdf	E-mail from J. Johnson forwarding OE 3568
56.	OE 4354 (1579).pdf	E-mail from J. Johnson forwarding OE 4354
57.	OE 5:403 (1652).pdf	E-mail from J. Johnson forwarding OE 5403
58.	OE 5996 (1580).pdf	E-mail from J. Johnson forwarding OE 5996
59.	OE 6:213 (1581).pdf	E-mail from J. Johnson forwarding OE 6213
60.	OE 6449 (1582).pdf	E-mail from J. Johnson forwarding OE 6449
61.	OE 6543 (1583).pdf	E-mail from J. Johnson forwarding OE 6543
62.	OE 6583 (1584).pdf	E-mail from J. Johnson forwarding OE 6583
63.	OE 6993 (1585).pdf	E-mail from J. Johnson forwarding OE 6993
64.	OE 7355 (1586).pdf	E-mail from J. Johnson forwarding OE 7355
65.	OE 7.541 (1587).pdf	E-mail from J. Johnson forwarding OE 7541
66.	OE 7:589 (1588).pdf	E-mail from J. Johnson forwarding OE 7689
67.	OE 7912 (1589).pdf	E-mail from J. Johnson forwarding OE 7912
68.	OE 8151 (1590).pdf	E-mail from J. Johnson forwarding OE 7912
69.	OE 8256 (1591).pdf	E-mail from J. Johnson forwarding OE 8256 .
70.	OE 8965 (1592).pdf	E-mail from J. Johnson forwarding OE 8965
71.	OE 9183 (1593).pdf	E-mail from J. Johnson forwarding OE 9183
72.	OE 9760 (1596).pdf	E-mail from J. Johnson forwarding OE 9760
73.	OE 9940 (1597).pdf	E-mail from J. Johnson forwarding OE 9940
74.	OE 10050 (1599).pdf	E-mail from J. Johnson forwarding OE 10050
75.	OE 10255 (1606).pdf	E-mail from J. Johnson forwarding OE 10255
76.	OE 10415 (1607).pdf	E-mail from J. Johnson forwarding OE 10415
77.	OE 10430 (1608).pdf	OE 10430
78.	OE 10516 (1609).pdf	E-mail from J. Johnson forwarding OE 10516
79.	OE 10740 (1610).pdf	E-mail from J. Johnson forwarding OE 10740
80.	OE 10741 (1611).pdf	E-mail from J. Johnson forwarding OE 10741
81.	OE 10992 (1612).pdf	E-mail from J. Johnson forwarding OE 10992
82.	OE 11396 (1613).pdf	OE 11396
83.	OE 11505 (1614).pdf	OE 11505
84.	OE 11537 (1615).pdf	OE 11537
85.	OE 11541 (1616).pdf	OE 11541
86.	OE 11655 (1617).pdf	E-mail from J. Johnson forwarding OE 11655
87.	OE 11700 (1618).pdf	E-mail from J. Johnson forwarding OE 11700
88.	OE 11887 (1619).pdf	OE 11887
89.	OE 1:2133 (1636).pdf	OE 12133
90.	OE 1:2345 (1620).pdf	OE 12345
91.	OE 1:2370 (1621).pdf	OE 12370

No.	File Name	Document Description
		Documents produced to NRC AIT
92.	OE 12463 (1622).pdf	OE 12463
93.	OE 12516 (1624).pdf	OE 12516
94.	OE 12587 (1625).pdf	OE 12587
95.	OE 12940 (1626).pdf	E-mail from J. Johnson forwarding OE 12940
96.	OE 13118 (1629).pdf	E-mail from J. Johnson forwarding OE 13118
97.	OE 13251 (1630).pdf	OE 13251
98.	OE 13377 (1631).pdf	OE 13377
99.	SEN 006 (1640).pdf	SEN 006
100.	SEN 018 (1641).pdf	SEN 018
101.	SEN 216 (1643).pdf	SEN 216
102.	SER 4-01 (1639).pdf	SER 4-01
103.	SER 10-89 (1600).pdf	SER 10-89
104.	SER 11-0082 (1564).pdf	E-mail from J. Johnson forwarding SER 11-0082
105.	SER 32-84 (1603).pdf	E-mail from J. Johnson forwarding SER 32-0084
106.	SER 35-0081 (1563).pdf	E-mail from J. Johnson forwarding SER 35-0081
107.	SER 46-0080 (1561).pdf	E-mail from J. Johnson forwarding SER 46-0080
108.	SER 57-83 (1604).pdf	SER 57-83
109.	SER 72-83 (1605).pdf	SER 72-83
110.	SOER 81-12 (1559).pdf	A. Siemaszko (FENOC) review of SOER 81-012
111.	SOER 81-12 (1562).pdf	SOER 81-12
112.	SOER 84-05 (1560).pdf	SOER 84-05
113.	OE 12466 (1780).pdf	E-mail from J. Johnson forwarding OE 12466
114.	OE 12980 (1783).pdf	OE 12980
115.	OE 13056 (1784).pdf	OE 13056
116.	SEN 006 (1787).pdf	SEN 006
117.	SEN 018 (1785).pdf	SEN 018
118.	SOER 81-12 (1795).pdf	SOER 81-12



AFFIDAVIT

RE: The Proprietary Information set forth on Attachment A.

I, WARREN J. BILANIN, being duly sworn, depose and state as follows:

If am a Director at the Electric Power Research Institute, Inc. ("EPRI") and I have been specifically delegated responsibility for the Proprietary Information referenced above that is sought under this Affidavit to be withheld from public disclosure (the "Proprietary Information"). I am authorized to apply to the United States Nuclear Regulatory Commission (the "NRC") for the withholding of the Proprietary Information on behalf of EPRI.

Copies of the Proprietary Information were included in documents and information previously submitted by FirstEnergy Nuclear Operating Company ("FENOC") to (i) the NRC'S Office in the matter of NRC Investigation Case No. 3-2002-006, and (ii) the NRC's Augmented Inspection Team as part of the NRC's investigation into the reactor pressure vessel head degradation at the Davis-Besse Nuclear Power Station (the "FENOC Delivered Documents").

I am informed that the NRC has informed counsel for FENOC that it is in the process of reviewing the FENOC Delivered Documents for public release. This Affidavit is submitted to the NRC pursuant to 10 C.F.R. §2.390.

EPRI requests that, where indicated, the FENOC Delivered Documents containing Proprietary Information set forth on <u>Attachment A</u> be withheld from the public on one or more of the bases set forth below:

1. Withholding Based Upon Draft Materials.

- a. Many of the FENOC Delivered Document constitute documents in draft form. These drafts were prepared by EPRI and/or contain EPRI proprietary information. Draft documents were circulated to the participants of the EPRI Materials Reliability Program (the "MRP"), including FENOC, for review and comment prior to preparation of the final document.
- b. EPRI requests that the documents identified as "Draft Materials" on Attachment A be withheld from public release. Footnote 1 of 10 C.F.R. §2.390 specifically excludes draft materials from the documents which may be made available to the public. Furthermore, because of the draft nature of the materials identified as "Draft Materials" and the potential for significant variance from the final version of such materials, it could be confusing, as well as potentially seriously misleading, to the public if this draft material were made publicly available.



2. Material Previously Afforded Confidential Treatment By The NRC.

- a. A number of the FENOC Delivered Documents were previously submitted to the NRC by EPRI under an appropriate affidavit requesting that such documents be withheld from public disclosure. The documents, as well as the date of the affidavit under which the submission to the NRC was made, are identified on <u>Attachment A</u> hereto (the "Prior Submission Documents").
- b. The NRC previously granted EPRI's requests that the Prior Submission Documents be withheld from the public. Accordingly, EPRI requests that the copies of the Prior Submission Document included in the FENOC Delivered Documents be afforded the treatment previously granted by the NRC and that the Prior Submission Documents be withheld from the public.
 - 3. <u>Withholding Based Upon Privileged and Confidential Trade Secrets or</u> Commercial or Financial Information.
- a. The Proprietary Information is owned by ERPI and has been held in confidence by EPRI. EPRI delivered the Proprietary Information contained in the FENOC Delivered Documents to FENOC as a participant in the MRP. As a participant in the MRP, FENOC was subject to written agreements imposing an obligation upon FENOC to maintain the confidentiality of the Proprietary Information in its possession. The Proprietary Information is disclosed only to parties who agree, in writing, to preserve the confidentiality thereof.
- b. EPRI considers the Proprietary Information to constitute trade secrets of EPRI. As such, EPRI holds the Proprietary Information in confidence and disclosure of the information is strictly limited to individuals and entities who have agreed, in writing, to maintain the confidentiality of the Proprietary Information. EPRI made a substantial economic investment to develop the Proprietary Information and, by prohibiting public disclosure, EPRI derives an economic benefit in the form of licensing royalties and other additional fees from the confidential nature of the Proprietary Information. If the Proprietary Information were publicly available to consultants and/or other businesses providing services in the electric and/or nuclear power industry, they would be able to use the Proprietary Information for their own commercial benefit and profit and without expending the substantial economic resources required of EPRI to develop the Proprietary Information.
- c. EPRI's classification of the Propriety Information as trade secrets is justified by the <u>Uniform Trade Secrets Act</u> which California adopted in 1984 and a version of which has been adopted by over forty states. The <u>California Uniform Trade Secrets Act</u>, California Civil Code §§3426 3426.11, defines a "trade secret" as follows:

"Trade secret" means information, including a formula, pattern, compilation, program device, method, technique, or process, that:



- (1) Derives independent economic value, actual or potential, from not being generally known to the public or to other persons who can obtain economic value from its disclosure or use; and
- (2) Is the subject of efforts that are reasonable under the circumstances to maintain its secrecy."
- d. The Proprietary Information was transmitted to the NRC by FENOC in confidence.
- e. The Proprietary Information is not generally known or available to the public. EPRI developed the Proprietary Information only after making a determination that the Proprietary Information was not available from public sources. EPRI made a substantial investment of both money and employee hours in the development of the Proprietary Information. EPRI was required to devote these resources and effort over a period of several years to derive the Proprietary Information. As a result of effort and cost, both in terms of dollars spent and dedicated employee time, the Proprietary Information is highly valuable to EPRI.
- f. A public disclosure of the Proprietary Information would be highly likely to cause substantial harm to EPRI's competitive position and the ability of EPRI to license the Proprietary Information both domestically and internationally. The Proprietary Information can only be acquired and/or duplicated by others using an equivalent investment of time and effort.
- g. EPRI requests that the documents identified as "Proprietary Information" on Attachment A hereto be withheld from the public pursuant to C.F.R. §2.390(a)(4).

4. <u>Information Not Constituting EPRI Information</u>.

a. A limited number of the FENOC Delivered Documents are not EPRI documents and do not contain EPRI Proprietary Information. These documents have been identified as such on <u>Attachment A</u>. No request for withholding these documents from the public is made by EPRI.

5. No Request For Withholding.

a. A limited number of the FENOC Delivered Document are EPRI material for which no request for withholding from public view is requested. Those documents have been identified as "EPRI Document – No Request for Withholding" on the attached Attachment A.

[Remainder of page intentionally blank.]



I have read the foregoing and the matters stated therein are true and correct to the best of my knowledge, information and belief. I make this affidavit under penalty of perjury under the laws of the United States of America and under the laws of the State of California.

Executed this 7th day of March, 2006 at 3420 Hillview Avenue, Palo Alto, California, being the premises and place of business of the Electric Power Research Institute.

Warren J. Bilanin

State of California

County of Santa Clara

SS.

Subscribed and sworn to (or affirmed) before me on March 7, 2006 by Warren J. Bilanin, personally known to me.

MI :HOLE ALEXANDRA EDRAOS COmm. # 1558041
VOTARY PUBLIC-CALIFORNIA
Santa Clara County
My Comm. Expires March 11, 2009 7

WITNESS my hand and official seal.

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Nichole Alixanden Edraal

File Name	Document Bates Label	Document Description	Comments	Action/Withholding Requested
	S14A-00744 S14A-00759	Materials Reliability Program (MRP) Recommended Crack Growth Rates for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) of Alloy 600 (MRP-055), Draft dated October 19, 2001	Draft Materials	This document constitutes draft materials and, as such, should not be released to the public.
	S14A-00857 S14A-00872	Materials Reliability Program (MRP) Recommended Crack Growth Rates for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) of Alloy 600 CRDM Nozzle Material (MRP- 055) Part 1: B&W Tubular Products Heats, Draft dated November 4, 2001	Draft Materials	This document constitutes draft materials and, as such, should not be released to the public.
	S14S-00873	Memorandum of Call	Not an EPRI Document. Does not contain EPRI Proprietary Information.	
23	S14A-00874	Handwritten Notes	Not an EPRI Document. Does not contain EPRI Proprietary Information.	
	S14A-00875 S14A-00890	Materials Reliability Program (MRP) Recommended Crack Growth Rates for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) of Alloy 600 (MRP-055), Draft dated October 19, 2001. Marked with handwritten notes.	Draft Materials. Hand written notes are not EPRI information	This document constitutes draft materials and, as such, should not be released to the public.
	S14A-00891 S14A-00915	Email correspondence transmitting U.S. Nuclear Regulatory Commission Preliminary Staff Technical Assessment For Pressurized Water Reactor Vessel Head Penetration Nozzles Associated with NRC Bulletin 2001-01, "Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles", dated November 2001	Document Nos. S14A-00892 S14A-00915 contain EPRI Proprietary Information	Withholding requested for Document Nos. S14A-00892 S14A-00915

ile ame	Document Bates Label	Document Description	Comments	Action/Withholding Requested
	S14A-02749 S14A-02756	Email correspondence transmitting NRC Technical Basis Equations	Document Nos. S14A-02753 S14A-02756 contain EPRI Proprietary Information	Withholding requested for Document Nos. S14A-02753 S14A-02756
	S14A-02757 S14A-02770	Email dated August 2, 2001 transmitting correspondence dated July 31, 2001 from Nuclear Energy Institute to NRC regarding data on U.S. PWR plants, a relative ranking of effective full power years of operation and RPV head temperature information and enclosing Table regarding Key Plant Parameters for PWR Reactor Vessel Head Nozzle PWSCC Assessments (July 2001). Enclosed correspondence dated July 31, 2001 from EPRI to NRC regarding confidential treatment of Table 1: Key Plant Parameters for PWR Reactor Vessel Head Nozzle PWSCC Assessments (July 2001) enclosing Affidavit dated July 31, 2001	S14A-02760 S14A-02767 - Document submitted to NRC pursuant to an Affidavit of Robin L. Jones dated July 31, 2001 requesting that the document be withheld from the public.	Document Nos. S14A-02760 S14A-02767 are subject to a previous withholding reques which was granted.
ne.	S14A-02771	Handwritten Notes	Not an EPRI Document. Does not contain EPRI Proprietary Information.	
	S14A-02772 S14A-02825	Nuclear Energy Institute correspondence to NRC dated June 29, 2001 transmitting Response to NRC Review Comments Transmitted by Letter Dated June 22, 2001 to the Nuclear Energy Institute Relating to PWR Materials Reliability Program Interim Alloy 600 Safety Assessment for US PWR Plants (MRP-44) Part 2: Reactor Vessel Top Head Penetrations EPRI TP-1001491, Part 2, May 2001, MRP 2001-050, dated June 29, 2001	S14A-02775 S14A-02825 - Document submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated September 27, 2001 requesting that the document be withheld from the public.	Document Nos. S14A-0277 S14A-02825 are subject to previous withholding reque which was granted.
	S14A-02826 S14A-02893	PWR Materials Reliability Project Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, TP-1001491, Part 2, Interim Report, May 2001	Document submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated May 7, 2001 requesting that the document be withheld from the public.	Document Nos. S14A-0282 S14A-02893 subject to a previous withholding reque which was granted.
	S14A-02894 S14A-02895	Table re Key Plant Parameters for PWR Reactor Vessel Head Nozzle PWSCC Assessments (July 2001) dated July 31, 2001	Document submitted to NRC pursuant to an Affidavit of Robin L. Jones dated July 31, 2001 requesting that the document be withheld from the public.	Document Nos. S14A-0289 S14A-02895 subject to a previous withholding reque which was granted.

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File Name	Document Bates Label	Document Description	Comments	Action/Withholding Requested
26	S14A-00190 S14A-00194	Notes re: MRP-055; draft version of Figure 5: Comparison of MRP Recommended Crack Growth Curve for Alloy 600 with the Modified Scott Curve [2] at 325° (617°F)	S14A-00190 S14A-00193 Handwritten notes are not an EPRI Document. S14A-00194 Draft material containing EPRI proprietary information.	S14A-00194 is a draft document and, as such, should not be released to the public
	S14A-00940 S14A-00974	The B&W Owners Group Materials Committee Long-Range Planning Document (Revision 2) dated May 1999	Not an EPRI Document. Does not contain EPRI Proprietary Information.	
	S14A-01054	MRP Funding Summary 1999-2002	EPRI Proprietary Information. This document contains financial information which constitutes EPRI Proprietary Information.	Withholding requested for the financial information contained in Document No. S14A-01054
	S14A-01059 S14A-01074	Materials Reliability Program, MRP Senior Representatives Meeting, Naples, Florida, August 10, 2001, Slides Presentation	Document Nos. S14A-01062; S14A-01064 - S14A-01068; S14A-01070 - S14A-01074 contain EPRI Proprietary Information. These documents contain financial information which constitutes EPRI Proprietary Information.	S14A-01068; S14A-01070 - S14A-01074
28	S14A-01138 S14A-01148	Memorandum transmitting minutes of MRP Senior Representatives Meeting held on March 9, 2001	Document Nos. S14A-01140 - S14A-01143 contain EPRI Proprietary Information. These documents contain financial information which constitutes EPRI Proprietary Information.	Withholding requested for the financial information contained in Document Nos. S14A-01140 - S14A-01143
	S14A-01793 S14A-01876	B&W Owners Group Executive Committee Meeting , June 6, 2001, Lynchberg, VA Materials	Not an EPRI Document. Does not contain EPRI Proprietary Information.	
	S14A-01878	B&WOG Successes	Not an EPRI Document. Does not contain EPRI Proprietary Information.	
	S14A-01880 S14A-01925	Framatome ANP CRDM Nozzle ID Temper Bead Repair Presentation	Not an EPRI Document. Does not contain EPRI Proprietary Information.	
	S14A-01927 S14A-01943	Framatome ANP Update on OTSG Technical Concerns	Not an EPRI Document. Does not contain EPRI Proprietary Information.	
	S14A-01946 S14A-01954	B&W Plant Outage Performance Improvements	Not an EPRI Document. Does not contain EPRI Proprietary Information.	
	S14A-01955 S14A-01966	Email dated June 22, 2001 transmitting memorandum to B&W Owners Group Executive Committee with Meeting Minutes of the June 6, 2001 Executive Committee Meeting	Not an EPRI Document. Does not contain EPRI Proprietary Information.	

File Name	Document Bates Label	Document Description	Comments	Action/Withholding Requested
	S14A-02033	SGMP 2002 Budget information	EPRI Proprietary Information. This document contains financial information which constitutes EPRI Proprietary Information.	Withholding requested for the financial information contained in Document No. S14A-02033
	S14A-02034 S14A-02051	Materials Reliability Program, MRP PMMPSC Meeting, Albuquerque, NM, March 6, 2002 materials	Document Nos. S14A-02037 - S14A-02038, S14A-02043 - S14A-02044, S14A-02047, S14A-02050 - S14A-02051 contain EPRI Proprietary Information. These documents contain financial information which constitutes EPRI Proprietary Information.	Withholding requested for the financial information contained in Document Nos. S14A-02037 - S14A-02044, S14A-02047, S14A-02050 - S14A-02051
	S14A-02258 S14A-02269	MRP Alloy 600/82/182/ITG Status Report, PMMP Steering Committee Meeting, March 6, 2002 materials	Document No. S14A-02259 contains EPRI Proprietary Information. This document contains financial information which constitutes EPRI Proprietary Information.	Withholding requested for the financial information contained in Document No. S14A-02259
	S14A-02270 S14A-02287	Materials Reliability Program (MRP), Senior Representatives Meeting, August 10, 2001, Naples, Florida materials	Does not contain proprietary information. No withholding requested.	
28	S14A-00288 S14A-02303	Materials Reliability Program, MRP Senior Representatives Meeting, Naples, FL, August 10, 2001 materials	Document Nos. S14A-02291, S14A-02293 S14A-02303 contain EPRI Proprietary Information. These documents contain financial information which constitutes EPRI Proprietary Information.	Withholding requested for the financial information contained in Document Nos. S14A-02291, S14A-02293 S14A-02303
	S14A-02304 S14A-02319	MRP Fatigue ITG Status Report, MRP Senior Reps Meeting, August 10, 2001, Naples, FL materials	Document No. S14A-02319 contains EPRI Proprietary Information. This document contains financial information which constitutes EPRI Proprietary Information.	Withholding requested for the financial information contained in Document No. S14A-02319
	S14A-02320 S14A-02330	EPRI MRP RPV Integrity ITG Program Status, EPRI MRP Senior Reps Meeting, August 10, 2001, Naples, FL materials	Document No. S14A-02330 contains EPRI Proprietary Information. This document contains financial information which constitutes EPRI Proprietary Information.	Withholding requested for the financial information contained in Document No. S14A-02330
	S14A-02331 S14A-02345	Reactor Internals/JOBB Issue Task Group, PWR MRP Senior Representatives Meeting, August 10, 2001, Naples, Florida	Document No. S14A-02345 contains EPRI Proprietary Information. This document contains financial information which constitutes EPRI Proprietary Information.	Withholding requested for the financial information contained in Document No. S14A-02345
	S14A-02346 S14A-02361	MRP Technical Support Subcommittee, MRP Senior Representatives Meeting, Naples, Florida, August 10, 2001	Document Nos. S14A-02355, S14A-02359 S14A-02360 contain EPRI Proprietary Information. These documents contain financial information which constitutes EPRI Proprietary Information.	Withholding requested for the financial information contained in Document Nos. S14A-02355, S14A-02359 S14A 02360

File Name	Document Bates Label	Document Description	Comments	Action/Withholding Requested
	S14A-02362 S14A-02377	ANO-1 CRDM Nozzle 56 Inspection and Repair, August 10, 2001 meeting materials	Information.	
	S14A-02378 S14A-02387	MRP Products/Deliverables materials	Does not contain proprietary information. No withholding requested.	
	S14A-02388	Meeting Notice	Not an EPRI Document. Does not contain EPRI Proprietary Information.	
	S14A-02389 S14A-02392	Memorandum transmitting minutes of MRP Senior Representatives Meeting held on March 11, 1999	EPRI Document - No withholding requested.	
	S14A-02393 S14A-02396	Memorandum dated January 12, 1999 regarding summary of 1998 MRP activities	Document No. S14A-02393 contains EPRI Proprietary Information. This document contains financial information which constitutes EPRI Proprietary Information.	Withholding requested for the financial information contained in Document No. 514A-02393
	S14A-02397 S14A-02399	Correspondence dated September 29, 1998 from First Energy to EPRI transmitting Collaborative Funding Agreement	EPRI Proprietary Information. These documents contain commercial and financial information that constitute EPRI Proprietary Information.	Withholding requested for the commercial and financial information contained in Document Nos. S14A-02399 - S14A-02399
28	S14A-02400 S14A-02463	Correspondence dated October 22, 1998 from EPRI to First Energy transmitting executed Collaborative Funding Agreement	EPRI Proprietary Information. These documents contain commercial and financial information that constitutes EPRI Proprietary Information.	Withholding requested for the commercial and financial information contained in Document Nos. S14A-02401 and S14A-02403 S14A-02463
	S14A-02464 S14A-02528	Multiple correspondence from EPRI to First Energy re PWR Materials Reliability Project Funding Commitment	EPRI Proprietary Information. These documents contain commercial and financial information that constitutes EPRI Proprietary Information.	Withholding requested for the commercial and financial information contained in Document Nos. S14A-02465 - S14A-02528
	S14A-02573 S14A-02745	Memorandum dated October 5, 2001 transmitting minutes of MRP Senior Representative meeting held on August 10, 2001 in Naples, Florida including presentation materials	Document Nos. S14A-02590, S14A-02592 - S14A-02603, S14A-02619, S14A-02665, S14A-02680, S14A-02682 - S14A-02683, S14A-02700 - S14A-02701, S14A-02704, S14A-02707, S14A-02714, S14A-02731, S14A-02734 contain EPRI Proprietary Information. These documents contain financial information which constitutes EPRI Proprietary Information.	Withholding requested for the financial information contained in Document Nos. S14A-02590, S14A-02592 - S14A-02603, S14A-02619, S14A-02665, S14A-02680, S14A-02682 - S14A-02701, S14A-02704, S14A-02704, S14A-02707, S14A-02714, S14A-02731, S14A-02734

File Name	Document Bates Label	Document Description	Comments	Action/Withholding Requested
	S14A-03551 S14A-03562	Multiple emails regarding Position Paper, RPV Penetration Head Cracking, September 2001	Document Nos. S14A-03555 - S14A-03557; S14A-03560- S14A-03562 - Draft Materials.	Document Nos. S14A-03555 - S14A-03557; S14A-03560- S14A-03562 are draft materials and, as such, should not be released to the public
	S14A-03563 S14A-03582	Notes and comments regarding Reactor Vessel Head Penetration Cracking Issue, EPRI/MRP Position Paper, September - October 2001	S14A-03563 - S14A-03564 - Not an EPRI document. S14A-03565 - S14A-03567 - Draft Materials. Handwritten notes not an EPRI product. S14A-03568 - S14A-03582 - Not an EPRI document.	Document Nos. S14A-03565 - S14A-03567 are draft materials and, as such, should not be released to the public
	S14A-03629 S14A-03633	Correspondence dated July 31, 2001 from Nuclear Energy Institute to NRC transmitting table entitled "Key Plant Parameters for PWR Reactor Vessel Head Nozzle PWSCC Assessments (July 2001)" dated July 31, 2001	S14A-03630 S14A-03633 - Document submitted to NRC pursuant to an Affidavit of Robin L. Jones dated July 31, 2001 requesting that the document be withheld from the public.	Document Nos. S14A-03630 - S14A-03633 subject to a previous withholding request which was granted.
======	S14A-03637 S14A-03641	Email transmitting draft Position Paper, RPV Penetration Head Cracking, September 2001		Document Nos. S14A-03639 - S14A-03641 are draft materials and, as such, should not be released to the public.
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37	\$14G-00895 - \$14G-00897; \$14G-00899 - \$14G-00923	Email dated November 13, 2001 EPRI to distribution re: MRP's proposed section of Staff's Technical Assessment of VHP Nozzle Cracking and transmitting U. S. Nuclear Regulatory Commission Preliminary Staff Technical Assessment for Pressurized Water Reactor Vessel Head Penetration Nozzles Associated with NRC Bulletin 2001-01, "Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles" dated November 2001	S14G-00899 S14G-00923 Preliminary Staff Technical Assessment containing EPRI Proprietary Information	Withholding requested for Document Nos. S14G-00899 - S14G-00923

File Name	Document Bates Label	Document Description	Comments	Action/Withholding Requested
	S14G-00925	Correspondence dated August 21, 2001 from the Nuclear Energy Institute to the NRC transmitting PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), EPRI Report No. 1006284, Final Report dated August 2001	Not an EPRI document. Does not contain EPRI Proprietary Information.	
	S14G-00926 S14G-00965	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), EPRI Report No. 1006284, Final Report dated August 2001	S14G-00926 S14G-00965 EPRI Report Submitted to Submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated August 17, 2001 requesting that the document be withheld from the public.	Document Nos. S14G-00926 S14G-00965 subject to a previous withholding request which was granted.
	S14H-09428 S14H-09464	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), TP-1006284, marked Final Draft Before Submittal to NRC on Tuesday, August 21, 2001, dated August 19, 2001	Draft Materials	Document Nos. S14H-09428 S14H-09464 are draft materials and, as such, should not be released to the public.
38	S14H-09466 S14H-09477	Correspondence dated July 31, 2001 from Nuclear Energy Institute to NRC transmitting table entitled "Key Plant Parameters for PWR Reactor Vessel Head Nozzle PWSCC Assessments (July 2001)" dated July 31, 2001; correspondence dated July 31, 2001 from EPRI to the NRC and Affidavit of Robin L. Jones dated July 31, 2001 seeking withholding of table entitled "Key Plant Parameters for PWR Reactor Vessel Head Nozzle PWSCC Assessments (July 2001)" dated July 31, 2001	S14H-09467 S14H-09474 EPRI Report Submitted to Submitted to NRC pursuant to an Affidavit of Robin L. Jones dated July 31, 2001 requesting that the document be withheld from the public.	Document Nos. S14H-09467 S14H-09474 subject to a previous withholding request which was granted.
	S14H-09534 S14H09573	Correspondence dated August 21, 2001 from the Nuclear Energy Institute to the NRC transmitting PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), EPRI Report No. 1006284, Final Report dated August 2001	S14H-09535 S14H-09573 EPRI Report Submitted to Submitted to NRC pursuant to an Affidavit of Theodore U. Marsten dated August 17, 2001 requesting that the document be withheld from the public.	Document Nos. S14H-09535 S14H-09573 subject to a previous withholding request which was granted.
	S14H-11215 S14H-11251	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), TP-1006284, marked Final Draft Before Submittal to NRC on Tuesday, August 21, 2001, dated August 19, 2001	Draft Materials	Document Nos. S14H-11215 S14H-11251 are draft materials and as such, should not be released to the public.
48	S14G-00416 S14G-00456	Email dated November 17, 2001 from EPRI to Distribution with Alloy 600 Level II Task Descriptions	S14G-00419 S14G0020 and S14G-00424 - S14G-0056 contain EPRI proprietary financial information. These documents contain financial information which constitutes EPRI Proprietary Information.	Withholding requested for the financial information contained in Document Nos. S14G-00419 S14G-0020 and S14G-00424-S14G-0056

File Name	Document Bates Label	Document Description	Comments	Action/Withholding Requested
1 52	S14G-00708 S14G00719	Multiple emails re Crack Growth Rates with attached assessment of PWSCC Crack Growth Rates	EPRI email correspondence. Attachment is not an EPRI document and does not contain Proprietary Information.	
	S14H-00626 S14H-00628	Position Paper, RPV Penetration Head Cracking, September 2001	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
57	S14H-00629 S14H-00639; S14H-0062940; S14H-00641 S14H-00644	Materials Reliability Program (MRP) Recommended Crack Growth Rates For Evaluating Primary Water Stress Corrosion Cracking (PWSCC) of Alloy 600 CRDM Nozzle Material (MRP- 055), Part 1: B&W Tubular Product Heats, marked Draft, dated November 4, 2001	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
	S14H-00714	Correspondence dated August 21, 2001 from the Nuclear Energy Institute to the NRC regarding PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), EPRI Report No. 1006284, Final Report dated August 2001 - no enclosures	Not an EPRI document. No withholding requested.	
59	S14H-00715 S14H-00754	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), TP-1006284, marked Final Draft Before Submittal to NRC on Tuesday, August 21, 2001, dated August 19, 2001	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
59	S14H-00755 S14H-00803	Correspondence dated June 29, 2001 from Nuclear Energy Institute to NRC transmitting Response to NRC Review Comments Transmitted by Letter dated June 22, 2001 to the Nuclear Energy Institute Relating to PWR Materials Reliability Program Interim Alloy 600 Safety Assessment for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Heads Penetrations EPRI TP-100149 (Part 2, May 2001) MRP 2001-050, Dated June 29, 2001	S14H-00757 S14H-00803 EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated September 27, 2001 requesting that the document be withheld from the public	Document Nos. S14H-00757 - S14H-00803 are subject to a previous withholding request which was granted

File Name	Document Bates Label	Document Description	Comments	Action/Withholding Requested
	S14H-00804 S14H-00805	Memorandum dated July 6, 2001 from Nuclear Energy Institute to NEI Administrative Points of Contract regarding NRC Proposed Generic Communications on Alloy 600 Reactor Head Penetrators	Not an EPRI document. Does not contain EPRI Proprietary Information.	
59	S14H-00806	Nuclear Regulatory Commission Memorandum dated July 20, 1001 regarding Forthcoming Meeting with Nuclear Energy Institute and Operating Pressurized Water Reactor Licensee	Not an EPRI document. Does not contain Proprietary Information.	
	S14H-00807 S14H-00845	MRP - Alloy 600 ITG RPV Penetrations Presentation to ACRS Subcommittees dated July 10, 2001	Does not contain Proprietary Information.	
	S14H-09575 S14H-09634	PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, TP-1001491, Part 2, Interim Report, May 2001	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated May 7, 2001 requesting that the document be withheld from the public.	Document Nos. S14H-09575 S14H-09634 subject to a previous withholding request which was granted.
	S14P-02103 S14P-02168	PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, TP-1001491, Part 2, Interim Report, May 2001	EPRI Report Submitted to Submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated May 7, 2001 requesting that the document be withheld from the public.	Document Nos. S14P-02103 S14P-02168 subject to a previous withholding request which was granted.
63	S14P-02294 S14P-02515	Correspondence dated May 18, 2001 from Nuclear Energy Institute to the NRC transmitting (i) correspondence dated May 7, 2001 from EPRI to the NRC with an Affidavit of even date requesting withholding of PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, TP-1001491, Part 2, Interim Report, May 2001, (ii) Response to NRC Question 2, (iii) Preliminary Agenda - Industry Workshop on MRP Ally 600 Issue Task Group, June 3-14, 2001, (iv) Electronic Registration Form, (v) PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, tp-1001491, Interim Report, May 2001	7, 2001 requesting that the document be withheld from the public.	Document Nos. S14P-02303 S14P-02515 subject to a previous withholding request which was granted.

File Name	Document Bates Label	Document Description	Comments	Action/Withholding Requested
66	S14H-09657 S14H-09697	Email dated July 3, 2001 from G. White (Dominion Engineering) re: MRP Response to NRC Comments on Interim Safety Assessment for RPV Head Nozzles transmitting copy of correspondence dated June 29, 2001 from Nuclear Energy Institute to the NRC with enclosure entitled Response to NRC Review Comments Transmitted by Letter Dated June 22, 2001 to the Nuclear Energy Institute Relating to PWR Materials Reliability Program, Interim Alloy 600 Safety Assessment for UR PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, EPRI TP-1001491, Part 2, May 2001, MRP 2001-050, June 29, 2001	S14H-09662 - S14H-09697 EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated September 27, 2001 requesting that the documents be withheld from the public.	
	S14H-09699 S14H-09714	Materials Reliability Program (MRP) Recommended Crack Growth Rates for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) of Alloy 600 CRDM Nozzle Material (MRP- 055), Part 1: B&W Tubular Products Heats, marked Draft, dated November 4, 2001	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
	S14H-09716 S14H-09775	PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, TP-1001491, Part 2, Interim	S14H-09716 S14H-09775 EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated May 7, 2001 requesting that the documents be withheld from the public.	Document Nos. S14H-09716 S14H-09775 subject to a previous withholding request which was granted
	S14H-09777 S14H-09792	Materials Reliability Program (MRP) Recommended Crack Growth Rates for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) of Alloy 600 (MRP-055), marked Draft, dated October 19, 2001	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.

File	Document Bates Label	Document Description	Comments	Action/Withholding Requested
1 1	S14H-09953 S14H-10022	Correspondence dated May 18, 2001 from Nuclear Energy Institute to the NRC transmitting (i) correspondence dated May 7, 2001 from EPRI to the NRC with an Affidavit of even date requesting withholding of PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, TP-1001491, Part 2, Interim Report, May 2001, (ii) Response to NRC Question 2, (iii) Preliminary Agenda - Industry Workshop on MRP Ally 600 Issue Task Group, June 3-14, 2001, (iv) Electronic Registration Form, (v) PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, tp-1001491, Interim Report, May 2001	S14H-09962 S14H-10022 EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated May 7, 2001 requesting that the document be withheld from the public.	Document Nos. S14H-009962 - S14H-10022 subject to a
	S14H-10024 S14H-10094	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), August 2001, marked Draft, with addendum entitled Alternate Inspection Proposal for Moderately Susceptible Plants With Restrictive Insulation Configurations to Submit in Response to NRC Bulletin 2001-01, marked DRAFT	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
71	S14H-10095 S14H-10098	Visual Examination For Leakage of Reactor Head Penetrations on Top of Head, Version: 8/10/2001, marked Draft	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
	S14H-10100 S14H-10136	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), TP-1006284, marked Final Draft Before Submittal to NRC on Tuesday, August 21, 2001, dated August 19, 2001	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
	S14H-10139 S14H-10233	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), August 2001, marked Draft, with addendum entitled Alternate Inspection Proposal for Moderately Susceptible Plants With Restrictive Insulation Configurations to Submit in Response to NRC Bulletin 2001-01, marked DRAFT	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
	S14H-10224 S14H-10227	Visual Examination For Leakage of Reactor Head Penetrations on Top of Head, Version: 8/10/2001, marked Draft	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
	S14H-10229 S14H-10265	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), TP-1006284, marked Final Draft Before Submittal to NRC on Tuesday, August 21, 2001, dated August 19, 2001	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.

File Name	Document Bates Label	Document Description	Comments	Action/Withholding Requested
72	S14H-10267 S14H-10343	Correspondence dated May 18, 2001 from Nuclear Energy Institute to the NRC transmitting (i) correspondence dated May 7, 2001 from EPRI to the NRC with an Affidavit of even date requesting withholding of PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, TP-1001491, Part 2, Interim Report, May 2001, (ii) Response to NRC Question 2, (iii) Preliminary Agenda - Industry Workshop on MRP Ally 600 Issue Task Group, June 3-14, 2001, (iv) Electronic Registration Form, (v) PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, tp-1001491, Interim Report, May 2001	May 7, 2001 requesting that the document be withheld from the public.	Document Nos. S14H-10276 S14H-10343 subject to a previous withholding request which was granted
	S14H-10365	Exhibits to PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44)	S14H-10365 S14H-10385 EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated May 7, 2001 requesting that the document be withheld from	Document Nos. S14H-10365 S14H-10385 subject to a previous withholding request
	S14H-10385 S14H-10387 S14H-10404	Email dated November 5, 2001 transmitting Materials Reliability Program (MRP) Recommended Crack Growth Rates for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) of Alloy 600 CRDM Nozzle Material (MRP-55), Part 1: Tubular Products Heats, marked Draft, dated November 4, 2001	the public. S14H ~ 10389 S14H-10404 - Draft Materials	which was granted Document Nos.S14H - 10389 S14H-10404 constitute draft materials and as such, should not be released to the public.
	S14H-10406 S14H-10471	PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, TP-1001491, Part 2, Interim Report, May 2001	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated May 7, 2001 requesting that the document be withheld from the public.	Document Nos. S14H-10406 S14H-10471 subject to a previous withholding request which was granted
	S14H-10473 S14H-10513	Correspondence dated August 21, 2001 from the Nuclear Energy Institute to the NRC transmitting PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), 1006284, Final Report, August 2001	S14H-10474 S14H-10513 EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated August 17, 2001 requesting that the document be withheld from the public.	Document Nos. S14H-10474 S14H-10513 subject to a previous withholding request which was granted
	S14H-10556 S14H-10597	Correspondence dated August 21, 2001 from the Nuclear Energy Institute to the NRC transmitting PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), 1006284, Final Report, August 2001	pursuant to an Affidavit of Theodore U. Marston dated August 17, 2001 requesting that the document be withheld	Document Nos. S14H-10557 S14H-10597 subject to previous withholding request which was granted

File Name	Document Bates Label	Document Description	Comments	Action/Withholding Requested
78	S14H-10688 S14H-10699	Correspondence dated July 31, 2001 from Nuclear Energy Institute to NRC transmitting table entitled "Key Plant Parameters for PWR Reactor Vessel Head Nozzle PWSCC Assessments (July 2001)" dated July 31, 2001; Correspondence dated July 31, 2001 from EPRI to the NRC transmitting an Affidavit of even date requesting withholding of the Table	S14H-10689 - S14H-10696 EPRI Report submitted to NRC pursuant to an Affidavit of Robin L. Jones dated July 31, 2001 requesting that the documents be withheld from the public	Document Nos. S14H-10689 - S14H-10696 subject to a previous withholding request which was granted
	S14H-10701 S14H-10740	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), 1006284, Final Report, August 2001	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated August 17, 2001 requesting that the documents be withheld from the public	Document Nos. S14H-10701 - S14H10740 subject to a previous withholding request which was granted
	S14H-10742 S14H-10807	PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, TP-1001491, Part 2, Interim Report, May 2001	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated May 7, 2001 requesting that the document be withheld from the public.	Document Nos. S14H-10742 - S14H10807 subject to a previous withholding request which was granted
	S14H-11949 S14H-11960	Correspondence dated July 31, 2001 from Nuclear Energy Institute to NRC transmitting table entitled "Key Plant Parameters for PWR Reactor Vessel Head Nozzle PWSCC Assessments (July 2001)" dated July 31, 2001; Correspondence dated July 31, 2001 from EPRI to the NRC transmitting an Affidavit of even date requesting withholding of the Table		Document Nos. S14H-11950 - S14H-11957 subject to a previous withholding request which was granted
	S14P-02018 S14P-02029	Correspondence dated July 31, 2001 from Nuclear Energy Institute to NRC transmitting table entitled "Key Plant Parameters for PWR Reactor Vessel Head Nozzle PWSCC Assessments (July 2001)" dated July 31, 2001; Correspondence dated July 31, 2001 from EPRI to the NRC transmitting an Affidavit of even date requesting withholding of the Table	S14P-02019 - S14P-02026 - EPRI Report submitted to NRC pursuant to an Affidavit of Robin L. Jones dated July 31, 2001 requesting that the documents be withheld from the public	Document Nos. S14P-02019 - S14P-02026 subject to a previous withholding request which was granted.

File Name	Document Bates Label	Document Description	Comments	Action/Withholding Requested
	S14H-10827 S14H-10892	PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, TP-1001491, Part 2, Interim Report, May 2001	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated May 7, 2001 requesting that the document be withheld from the public	Document Nos. S14H-10827 - S14H-10892 subject to a previous withholding request which was granted.
80	S14H-10894 S14H-10902; S14P-02033 - S14P-02098	Correspondence dated May 18, 2001 from Nuclear Energy Institute to the NRC transmitting (i) correspondence dated May 7, 2001 from EPRI to the NRC with an Affidavit of even date requesting withholding of PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, TP-1001491, Part 2, Interim Report, May 2001, (ii) Response to NRC Question 2, (iii) Preliminary Agenda - Industry Workshop on MRP Ally 600 Issue Task Group, June 3-14, 2001, (iv) Electronic Registration Form, (v) PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, tp-1001491, Interim Report, May 2001	S14P-02033 S14P-02098 EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated May 7, 2001 requesting that the document be withheld from the public.	S14P-02098 subject to
81	S14H-11095 S14H-11114	Memorandum dated October 22, 2001 from EPRI to the MRP CRDM Alloy 600, 82/182 ITG, MRP Senior Representatives, MRP Crack Growth Rate Review Team transmitting draft Materials Reliability Program (MRP) Recommended Crack Growth Rates for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) of Alloy 600, (MRP-055), dated October 19, 2001	S14H-11098 - S14H-11113 - Draft Materials	Document Nos. S14H-11098 - S14H-11113 constitutes draft materials and, as such, should not be released to the public.
83	S14H-11373 S14H-11388	Materials Reliability Program (MRP) Recommended Crack Growth Rates for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) of Alloy 600, (MRP-055), marked Draft, dated October 19, 2001	Draft Materials	This document constitutes draft materials and, as such, should not be released to the public.
63	S14H-11390 S14H-11455	PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, TP-1001491, Part 2, Interim Report, May 2001	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated May 7, 2001 requesting that the document be withheld from the public	Document Nos. S14H-11390 S14H-11455 subject to a previous withholding request which was granted

File Name	Document Bates Label	Document Description	Comments	Action/Withholding Requested
	S14H-11457 S14H-11498	Energy Institute to the NRC transmitting PWR Materials Reliability Program Response to NRC Bulletin 2001-01(MRP-48), 1006284, Final Report, August 2001	S14H-11458 - S14H-11498 EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated August 17, 2001 requesting that the document be withheld from the public	Document Nos. S14H-11458 S14H-11498 subject to a previous withholding request which was granted
NA.	S14H-11500 S14H-11565	PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, TP-1001491, Part 2, Interim Report, May 2001	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated May 7, 2001 requesting that the document be withheld from the public	Document Nos. S14H-11500 S14H-11565 subject to a previous withholding request which was granted
	S14H-12341 S14H-12381	PWR Materials Reliability Program Response to NRC Bulletin 2001-01(MRP-48), 1006284, Final Report, August 2001	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated August 17, 2001 requesting that the document be withheld from the public	Document Nos. S14H-12341 S14H-12381 subject to a previous withholding request which was granted
	S14H-11686 S14H-11726	Correspondence dated August 21, 2001 from the Nuclear Energy Institute enclosing PWR Materials Reliability Program Response to NRC Bulletin 2001-01(MRP-48) with EPRI Report No. 1006284.	S14H-11687 - S14H-11276 EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated August 17, 2001 requesting that the document be withheld from the public	Document Nos. S14H-11687 - S14H-11726 subject to a previous withholding request which was granted
87	S14H-11755 S14H-11795	Correspondence dated August 21, 2001 from the Nuclear Energy Institute enclosing PWR Materials Reliability Program Response to NRC Bulletin 2001-01(MRP-48) with EPRI Report No. 1006284.	S14H-11756 - S14H-11795 EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated August 17, 2001 requesting that the document be withheld from the public	Document Nos. S14H-11756 - S14H-11795 subject to a previous withholding request which was granted
	S14H-11908 S14H-11947	PWR Materials Reliability Program Response to NRC Bulletin 2001-01(MRP-48) with EPRI Report No. 1006284.	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated August 17, 2001 requesting that the document be withheld from the public	Document Nos. S14H-11908 - S14H-11947 subject to a previous withholding request which was granted
88	S14H-11728 S14H-11753	PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, Report TP-01001491, Part 2, Interim Report, May 2001, Marked DRAFT	Draft Materials	This document constitutes draft materials and, as such, should not be released to the public.
	S14H-11965 S14H-12030	PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, TP-1001491, Part 2, Interim Report, May 2001	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated May 7, 2001 requesting that the document be withheld from the public	which was granted
92	S14H-12259 S14H-12324	PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, TP-1001491, Part 2, Interim Report, May 2001	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated May 7, 2001 requesting that the document be withheld from the public	Document Nos. S14H-12259 - S14H-12324 subject to previous withholding request which was granted

File : Name	Bates Label	Document Description	Comments	Action/Withholding Requested
97	S14H-12188 S14H-12240	Correspondence dated June 29, 2001from Nuclear Energy Institute to NRC transmitting Response to NRC Review Comments Transmitted by Letter dated June 22, 2001 to the Nuclear Energy Institute Relating to PWR Materials Reliability Program Interim Alloy 600 Safety Assessment for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Heads Penetrations EPRI TP-100149 (Part 2, May 2001) MRP 2001-050, Dated June 29, 2001	S14H-12190 S14H-12240 EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated September 27, 2001 requesting that the document be withheld from the public	Document Nos. S14H-12190 S14H-12240 subject to a previous withholding request which was granted
98	S14H-12242 S14H-12257	Material Reliability Program (MRP) Recommended Crack Growth Rates for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) of Alloy 600 CRDM Nozzle Material (MRP-55) Part 1: B&W Tubular Products Heats, November 4, 2001 (DRAFT)	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
120	S14H-01824 S14H-01832	Correspondence dated July 31, 2001 from Nuclear energy Institute to the NRCC regarding information requested by the NRC for data on US PWR Plants, rankings regarding years of operation and RPV head temperatures	S14H-01825 - S14H-01832 EPRI Report submitted to NRC pursuant to an Affidavit of Robin L. Jones dated July 31, 2001 requesting that the documents be withheld from the public	Document Nos. S14H-01825 S14H-01832 subject to a previous withholding request which was granted
120	S14H-01982 S14H-01990	Correspondence dated July 31, 2001 from Nuclear energy Institute to the NRCC regarding information requested by the NRC for data on US PWR Plants, rankings regarding years of operation and RPV head temperatures	S14H-01983 - S14H-01990 EPRI Report submitted to NRC pursuant to an Affidavit of Robin L. Jones dated July 31, 2001 requesting that the documents be withheld from the public	Document Nos. S14H-01983 - S14H-01990 subject to a previous withholding request which was granted
124	S14H-02165 S14H-02174	Excerpt from PWSCC Crack Growth Rates Report	Not an EPRI document. Does not contain Proprietary Information.	
130	S14H-02510	Response to NRC Review Comments Transmitted by Letter dated June 22, 2001 to the Nuclear Energy Institute Relating to PWR Materials Reliability Program Interim Alloy 600 Safety	EPRI Report submitted to NRC pursuant to an Affidavit of	Document Nos. S14H-02510 - S14H-02560 subject to a

File Name	Document Bates Label	Document Description	Comments	Action/Withholding Requested
132	S14H-02766 S14H-02835	PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, TP-1001491, Part 2, Interim Report, May 2001	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated May 7, 2001 requesting that the document be withheld from the public	Document Nos. S14H-02766 S14H-02835 subject to a previous withholding request which was granted
161	S14P-02807; S14P-03253 S14P03254	Figure 8.6 Effect of Flange Clearances in Reducing Oxygen Levels at Bolts; Figure 8.7 effect of Boric Acid Deposits in Protecting Surface from Corrosion; Each from the Boric Acid Corrosion Guidebook	EPRI Document - No Request for Withholding.	
170	S14P-00562 S14P-02755	Figure 8-6: Effect of Flange Clearances in Reducing Oxygen Levels at Bolts from the Boric Acid Corrosion Guidebook	EPRI Document - No Request for Withholding.	
179	S14P-01831 S14P-01833	Excerpts from EPRI Handbook of Nuclear Materials (Dec. 1997)	EPRI Proprietary Information	Withholding requested for Document Nos. S14P-01831 S14P-01833
200	2S2-01044 2S2-01075	Multiple emails regarding comments on the NRC Staff's Technical Assessments of VHP Nozzle Cracking and transmitting U.S. Nuclear Regulatory Commission Preliminary Staff Technical Assessment for Pressurized Water Reactor Vessel Head Penetration Nozzles Associated with NRC Bulletin 2001-01 "Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles" dated November 2001	2S2-01052 2S2-01075 Contains EPRI Proprietary Information	Withholding requested for Document Nos. 2S2-01052 2S2-01075
201	2S2-01706 2S2-01083	Email correspondence related to attached NRC Technical Basis equations	S2S-01080 S2S-01083 Contains EPRI Proprietary Information	Withholding requested for Document Nos. S2S-01080 - S2S-01083
207	2S2-01286 2S2-01301 2S2-01307 2S2-01320	Crack Growth Rate Correlations for CRDMs Report No. SIR-01- 095, Revision 2, dated January 2002k, prepared by Structural Integrity Associates, Inc. for First Energy and EPRI. Contains EPRI Proprietary Information. Contains handwritten notes.	2S2-01301 Contains EPRI Proprietary Information	Withholding requested for Document No. 2S2-01301

File Name	Document Bates Label	Document Description	Comments	Action/Withholding Requested
210	2S2-01689 2S2-01726	EPRI Memo dated 6/11/01 transmittal for approval Materials Reliability Program (MRP) Crack Growth Rates for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) of This Wall Alloy 600 Material (MRP-55)	2S2-01693 2S2-01726 Draft Materials	Document Nos. 2S2-01693 2S2-01726 constitutes draft materials and as such, should not be released to the public.
	2S2-01473 2S2-01484	Correspondence dated 7/1/02 from EPRI transmitting report for comment and approval: Inspection Plan PWR Reactor Pressure Vessel (RPV) Upper Head Penetrations, Revision 0, dated 6/27/02; Forwarded internally by First Energy on 7/2/02	2S2-01467 2S2-01484 - Draft Materials	Document Nos. 2S2-01467 2S2-01484 constitutes draft materials and as such, should not be released to the public.
	2S2-01485 2S2-01571	First Energy Internal correspondence dated 7/10/02 transmitting (i) Calculation Package - Finite Element Gap Analysis of CRDM Penetrations (Davis-Besse) and (ii) Calculation Package Gap Opening Result from Finite Element Analysis (Davis-Besse)	Not an EPRI document. Does not contain EPRI Proprietary Information.	
228	252-01576 252-01639	Email dated 8/20/02 from EPRI (and forwarded internally by First Energy) transmitting correspondence dated 8/15/02 from Dominion; Inspection Plan, PWR Reactor Pressure Vessel (RPV) Upper Head Penetrations, Revision 1, dated 8/6/02; Probability of Detecting Leaks in PRV Upper Head Nozzles by Visual Inspections, Revision 1, dated 6/17/02; Technical Basis for PRV Upper Head Penetration Inspection Plan, Revision O, dated June 20, 2002; Supplemental Visual Inspection Intervals to Ensure RPV Closure Head Structural Integrity, DRAFT, dated 8/18/02 with Attachment 1 - Description of the Probabilistic Wastage Model	252-01581 252-01616 Contains EPRI Proprietary Information which has been superseded by subsequent information 252-01617 252-01639 Draft Material	Withholding requested for Document Nos. 2S2-01581 2S2-01616 Document Nos. 2S2-01617 2S2-01639 constitute draft materials and, as such, should not be released to the public
	1			
247	S14Q-02874 S14Q-02874 S14Q-02885	No Document Provided Correspondence dated July 31, 2001 from Nuclear Energy Institute to the NRCC regarding information requested by the NRC for data on US PWR Plants, rankings regarding years of operation and RPV head temperatures	S14Q-02875 S14Q-02883 EPRI Report submitted to NRC pursuant to an Affidavit of Robin L. Jones dated July 31, 2001 requesting that the documents be withheld from the public	Document Nos. S14Q-02875 S14Q-02883 subject to a previous withholding request which was granted
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	S14Q-02888 S14Q-02889	No Document Provided		
248	S14Q-02890 S14Q-02925	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), Report No. TP-1006284, dated August 19, 2001, marked "Final Draft Before Submittal to NRC on Tuesday, August 21, 2001"	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.

Tile Name	Document Bates Label	Document Description	Comments	Action/Withholding Requested
251	S14Q-06787 S14Q-06802	Material Reliability Program (MRP) Recommended Crack Growth Rates for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) of Alloy 600 CRDM Nozzle Material (MRP-55) Part 1: B&W Tubular Products Heats, November 4, 2001 (DRAFT)	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
252	S14Q-06803 S14Q-06839	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), Report No. TP-1006284, dated August 19, 2001, marked "Final Draft Before Submittal to NRC on Tuesday, August 21, 2001"	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
	S14Q-07071 S14Q-07107	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), Report No. TP-1006284, dated August 19, 2001, marked "Final Draft Before Submittal to NRC on Tuesday, August 21, 2001"	Draft Materials.	This document constitutes draft materials and as such, should not be released to the public.
	S14Q-06840 S14Q-06905	PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, TP-1001491, Part 2, Interim Report, May 2001	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated May 7, 2001 requesting that the documents be withheld from the public	Document Nos. S14Q-06840 S14Q-06905 subject to a previous withholding request which was granted
	S14Q-06950 S14Q-07017	No Documents Provided		
255	S14Q-06944 S14Q-06949	Table Entitled "Key Plant Parameters for PWR Reactor Vessel Head Nozzle PWSCC Assessments (July 2001)	EPRI Report submitted to NRC pursuant to an Affidavit of Robin L. Jones dated July 31, 2001 requesting that the documents be withheld from the public	Document Nos. S14Q-06944 S14Q-06949 subject to a previous withholding request which was granted
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256	S14Q-07018 S14Q-07033	Material Reliability Program (MRP) Recommended Crack Growth Rates for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) of Alloy 600 CRDM Nozzle Material (MRP-55) Part 1: B&W Tubular Products Heats, November 4, 2001 (DRAFT)	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
259	S14Q-07055 S14Q-07061	Meeting Minutes re MRP Alloy 82/182 Weld Integrity Issue, Special Committee to Assess Inspection Sampling and Inspection dated 7-11-01 with draft plan as attachment	S14Q-07058 S14Q-07059 Draft Materials	Document Nos. S14Q-07058 S14Q-07059 constitute draft materials and, as such, should not be released to the public

File Name	Document Bates Label	Document Description	AND THE PROPERTY OF THE PROPER	Action/Withholding
283	S14D-00001 S14D-00066	PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, TP-1001491, Part 2, Interim Report, May 2001	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated May 7, 2001 requesting that the documents be withheld from the public	Document Nos. S14D-00001 S14D-00066 subject to a previous withholding request which was granted
284	S14D-00067 S14D-00105	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), Final Report, August 2001, Report No. 1006284	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated August 17, 2001 requesting that the documents be withheld from the public	Document Nos. S14D-00067 - S14D-00105 subject to a previous withholding request with was granted
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	S14D-00177	No Document Provided		<u></u>
285	S14D-00178 S14D-00261	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48) (DRAFT)	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
	S14D-00262 S14D-00265	Visual Examination for Leakage of Reactor Head Penetrations on Top of Head, Version: 8/10/01 (DRAFT)	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
	S14D-00268	No Document Provided		
287	S14D-00269 S14D-00284	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP 48), Report No. 1006284, Final Report, August 2001	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated August 17, 2001 requesting that the documents be withheld from the public	Document Nos. S14D-00268 - S14D-00284 subject to a previous withholding request with was granted
	S14D-00306	No Document Provided		
	S14D-00307 S14D-00322	Material Reliability Program (MRP) Recommended Crack Growth Rates for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) of Alloy 600 CRDM Nozzle Material (MRP-55) Part 1: B&W Tubular Products Heats, November 4, 2001 (DRAFT)	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
288	S14D-00323	Job Identifier Page	Not an EPRI document. Does not contain EPRI Proprietary Information.	
	S14D-00324 S14D-00339	Draft letter to NRC Regarding Supplemental Information in Response to the November 28, 2001 Regarding the Davis-Besse Nuclear Power Station Response to NRC Bulletin 2001-01	Not an EPRI document. Does not contain EPRI Proprietary Information.	
<u> </u>	S14D-00340	პიხ Identifier Page	Not an EPRI document. Does not contain EPRI Proprietary Information.	

File Name	Document Bates Label	Document Description	Action/Withholding Requested
	S14D-00341 S14D-00343	Correspondence dated November 19, 2001 from the NRC to First Energy Nuclear Operating Company Regarding Davis-Besse Nuclear Power Station, Unit 1, Documentation of Conference Call of November 15, 2001, Re: Response to Bulletin 2001-01 (TAC No. MB2626)	Not an EPRI document. Does not contain EPRI Proprietary Information.
	\$14D-00344	Job Identifier Page	Not an EPRI document. Does not contain EPRI Proprietary Information.
288	S14D-00345	Internal First Energy Nuclear Operating Company e-mail	Not an EPRI document. Does not contain EPRI Proprietary Information.
	S14D-00346	Job Identifier Page	Not an EPRI document. Does not contain EPRI Proprietary Information.
	S14D-00347 S14D-00366	Correspondence dated November 30, 2001 Regarding Supplemental Information in Response to the November 28, 2001 Regarding the Davis-Besse Nuclear Power Station Response to NRC Bulletin 2001-01	Not an EPRI document. Does not contain EPRI Proprietary Information.

File Name	Document Bates Label	Document Description	Comments	Action/Withholding
292	S14D-00540 S14D-00624	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48) (DRAFT)	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
292	S14D-00625 S14D-00628	Visual Examination for Leakage of Reactor Head Penetrations on Top of Head, Version: 8/10/01 (DRAFT)	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
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	S14D-00630 S14D-00714	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), August 2001 (DRAFT)	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
	S14D-00715 S14D-00718	Visual Examination for Leakage of Reactor Head Penetrations on Top of Head, Version: 8/10/01 (DRAFT)	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
293	S14D-00719 S14D-00738	Correspondence dated November 30, 2001 Regarding Supplemental Information in Response to the November 28, 2001 Regarding the Davis-Besse Nuclear Power Station Response to NRC Bulletin 2001-01	Not an EPRI document. Does not contain EPRI Proprietary Information.	
293	S14D-00739 S14D-00755	Correspondence dated November 30, 2001 Regarding Supplemental Information in Response to the November 28, 2001 Regarding the Davis-Besse Nuclear Power Station Response to NRC Bulletin 2001-01	Not an EPRI document. Does not contain EPRI Proprietary Information.	
:	S14D-00756 S14D-00774	Correspondence dated November 30, 2001 Regarding Supplemental Information in Response to the November 28, 2001 Regarding the Davis-Besse Nuclear Power Station Response to NRC Bulletin 2001-01	Not an EPRI document. Does not contain EPRI Proprietary Information.	
	S14D-00775 S14D-00794	Correspondence dated November 30, 2001 Regarding Supplemental Information in Response to the November 28, 2001 Regarding the Davis-Besse Nuclear Power Station Response to NRC Bulletin 2001-01	Not an EPRI document. Does not contain EPRI Proprietary Information.	
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295	S14D-00975 S14D-00976 S14D-01012	No Document Provided PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), Report No. TP-1006284, dated August 19, 2001, marked "Final Draft Before Submittal to NRC on Tuesday, August 21, 2001"	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.

File Name	Document Bates Label	Document Description	Comments	Action/Withholding Requested
	S14D-001038	No Document Provided	1	
297	S14D-01037 S14D-01050	Correspondence dated July 31, 2001 from Nuclear energy Institute to the NRCC regarding information requested by the NRC for data on US PWR Plants, rankings regarding years of operation and RPV head temperatures	pursuant to an Affidavit of Robin L. Jones dated July 31, 2001 requesting that the documents be withheld from the	Document Nos. S14D-01040 - S14D-01047 subject to a previous withholding request which was granted
298	S14D-01052 S14D-01090	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), Report No. 1006284, Final Report, August 2001	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated August 17, 2001 requesting that the documents be withheld from the public	Document Nos. S14D-01052 S14D-01090 subject to a previous withholding request which was granted
250	S14D-01091 S14D-01111	Correspondence to NRC re Supplemental Information in Response to the November 28, 2001 Meeting Regarding the Davis- Besse Nuclear Power Station Response to NRC Bulletin 2001-01	Not an EPRI document. Does not contain EPRI Proprietary Information.	
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299	S14D-01521 S14D-01522 S14D-01588	No Document Provided PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, Report TP-01001491, Part 2, Interim Report, May 2001	Theodore II Marston dated May 7, 2001 requesting that the	Document Nos. S14D-01522 S14D-01588 subject to a previous withholding request which was granted
301	S14D-01631 S14D-01670	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), Report No. 1006284, Final Report, August 2001		Document Nos. S14D-01631 S14D-01670 subject to a previous withholding request which was granted
205	S14D-01824 S14D-01825 S14D-01840	No Document Provided Material Reliability Program (MRP) Recommended Crack Growth Rates for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) of Alloy 600 CRDM Nozzle Material (MRP-055), Part 1: B&W Tubular Products Heats, November 4, 2001, marked DRAFT	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
306	S14D-01841	Job Identifier Page	Not an EPRI document. Does not contain EPRI Proprietary Information.	
	S14D-019842 S14D-01877	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), Report No. TP-1006284, dated August 19, 2001, marked "Final Draft Before Submittal to NRC on Tuesday, August 21, 2001"		This document constitutes draft materials and as such, should not be released to the public.

File Vame	Document Bates Label	Document Description	Comments	Action/Withholding Requested
3110	S14D-01962 S14D-02001	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), Report No. 1006284), Final Report, August 2001	Theodore U. Marston dated August 17, 2001 requesting that	Document Nos. S14D-01962 S14D-02001 subject to a previous withholding request which was granted
217	S14D-03637 S14D-03639	Excepts from EPRI "NMAC Boric Acid Corrosion Guidebook"	EPRI Document. No withholding requested.	
717	S14D-03640 S14D-03645	Duke Energy - Excerpts from EPRI Report TR-103354, "Temperbead Welding Repair of Low Alloy Pressure Vessel Steels: Guidelines"	EPRI Proprietary Information	Withholding requested for Document Nos.S14D-03643 S14D-03645
	S14J-02021	No Document Provided	1	
	S14J-02022 - S14J-2037	Materials Reliability Program (MRP) Recommended Crack Growth Rates for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) OF Alloy 600 CRDM Nozzle Material (MRP- 055), Part 1: B&W Tubular Products Heats November 4, 2001, marked DRAFT	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
374	S14M-06269 S14M-06284	Materials Reliability Program (MRP) Recommended Crack Growth Rates for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) OF Alloy 600 CRDM Nozzle Material (MRP- 055), Part 1: B&W Tubular Products Heats November 4, 2001, Marked DRAFT	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
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376	S14M-06333 - S14M-06348	Material Reliability Program (MRP) Recommended Crack Growth Rates For Evaluating Primary Water Stress Corrosion Cracking (PWSCC of Alloy 600 (MRP-055) (dated October 19, 2001), Marked DRAFT	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
377	S14M-06350 - S14M-06389	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), Final Report, August 2001, Report No. 1006284	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated August 17, 2001 requesting that the documents be withheld from the public	Document Nos. S14M-0635 S14M-06389 subject to a previous withholding reque which was granted

File Name	Document Bates Label		Comments	Action/Withholding Requested
378	S14M-06391 - S14M-06456	PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, TP-1001491, Part 2, Interim Report, May 2001	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated May 7, 2001 requesting that the documents be withheld from the public	Document Nos. S14M-06391 - S14M-06456 subject to a previous withholding request which was granted
	S14M-06457 - S14M-06466	Figures 1 through 12	Not an EPRI document. Does not contain EPRI Proprietary Information.	•
	S14M-06467 - S14M-06475	Docket No. 50-346, License No. NPF-3, Serial Number 2750, Attachment 2 - DBNPS ISI Program Third Ten Year Interval Relief Request RR-A21 followed by First Energy Nuclear Operating Company, Davis Besse Unit 1, Third 1Year Interval Relief Request RR-A21	Not an EPRI document. Does not contain EPRI Proprietary Information.	
378	S14M-06476 - S14M-06477	Figures 1 and 2	Not an EPRI document. Does not contain EPRI Proprietary Information.	
	S14M-06478 S14M-06479	Ten Year Interval Relief Request RR-A20 - Non-Proprietary Version followed by First Energy Nuclear Operating Company, Davis-Besse Unit 1, Third 10-Year Initial Relief Request RR-420	Not an EPRI document. Does not contain EPRI Proprietary Information.	
	S14M-06480 - S14M-06494	Ten Year Interval Relief Request RR-A20 - Non-Proprietary Version followed by First Energy Nuclear Operating Company, Davis-Besse Unit 1, Third 10-Year Initial Relief Request RR-420	Not an EPRI document. Does not contain EPRI Proprietary Information.	
379	S14M-06495 - S14M-06510	Materials Reliability Program (MRP) Recommended Crack Growth Rate for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) of Alloy 600 (MRP-055); October 19, 2001, Marked DRAFT		This document constitutes draft materials and as such, should not be released to the public.
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381	S14M-06522 - S14M-06561	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), Report No. 1006284, Final Report, August, 2001	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated August 17, 2001 requesting that the documents be withheld from the public	Document Nos. \$14M-06552 - \$14M-06561 subject to a previous withholding request which was granted
301	S14M-06562	Misc "Job Name" document	Not an EPRI document. Does not contain EPRI Proprietary Information.	
	S14M-06563 - S14M-06566	Small Accumulation of Boric Acid Found on RX Vessel Head	Not an EPRI document. Does not contain EPRI Proprietary Information.	

File Name	Document Bates Label	Document Description	Comments	Action/Withholding Requested
403	S14M-04021	Table Entitled "Key Plant Parameters for PWR Reactor Vessel Head Nozzle PWSCC Assessments (July 2001)	EPRI Report submitted to NRC pursuant to an Affidavit of Robin L. Jones dated July 31, 2001 requesting that the documents be withheld from the public	Document No. S14M-04021 subject to a previous withholding request which was granted
420	S14R-01632 S14R-01671	PWR Materials Reliability Program Response to NRC Bulletin 2001-01 (MRP-48), Report No. 1006284, Final Report, August, 2001	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated August 17, 2001 requesting that the documents be withheld from the public	Document Nos. S14R-01632 - S14R-01671 subject to a previous withholding request which was granted
474	S14R-01786 S14R-01801	Materials Reliability Program (MRP) Recommended Crack Growth Rate for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) of Alloy 600 (MRP-055); October 19, 2001, Marked DRAFT	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
426	S14R-01815 S14R-01823	Correspondence dated May 18, 2001 from Nuclear Energy Institute transmitting EPRI Report No. 1001491, Part 2 to the NRC with enclosures: 1) Enclosure 1 - Affidavit of Theodore Marston; 2) Enclosure 2 - Response to NRC Question 2; 3) Enclosure 3 - Industry workshop on MRP Alloy 600 Issue Task Group June 13 - 14, 2001Preliinary Agenda; and 4) Enclosure 4 Electronic Registration Form	Does not contain EPRI Proprietary Information.	
	S14R-01824 S14R-01890	PWR Materials Reliability Project Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, Report No. 1001491, Part 2, Interim Report, May 2001	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated May 7, 2001 requesting that the documents be withheld from the public	Document Nos. S14R-01824 S14R-01890 subject to a previous withholding request which was granted

File Name	Document Bates Label	Document Description	Comments	Action/Withholding Requested
	S14R-02935 S14R-02936	Position Paper, RPV Head Penetration Cracking, September 2001	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
	S14R-02937 S14R-02953	Materials Reliability Program (MRP) Recommended Crack Growth Rates for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) OF Alloy 600 CRDM Nozzle Material (MRP- 055), Part 1: B&W Tubular Products Heats November 4, 2001, marked DRAFT	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
	S14R-02954 S14R-02994	Correspondence dated August 21, 2001 from the Nuclear Energy Institute enclosing EPRI Report TP-1006284 PWR Materials Reliability Program Response to NRC Bulletin 2001-01(MRP-48) with EPRI Report No. 1006284.	S14R-02955 - S14R-02994 EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated August 17, 2001 requesting that the documents be withheld from the public	Document Nos. S14R-02955 - S14R-02994 subject to a previous withholding request which was granted
432	S14R-02995 S14R-03028	EPRI Memo dated October 22, 2001 transmitting draft Report (MRP-55) to MRP CRDM Alloy 600, 82/182 ITG, MRP Senior Representatives, MRP Crack Growth Review Team with enclosures (i) MRP Response Form, (ii) Materials Reliability Program (MRP) Recommended Crack Growth Rates for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) of Alloy 600 (MRP-055) October 19, 2001, marked draft, and (iii) second copy of report, marked draft.	S14R-02997 - S14R-03012 - Draft Materials	Document Nos. S14R-02997 - S14R-03012 constitute draft materials and as such, should not be released to the public.
	S14R-03029 S14R-03037	Correspondence dated May 18, 2001 from Nuclear Energy Institute transmitting EPRI Report No. 1001491, Part 2 to the NRC with enclosures: 1) Enclosure 1 - Affidavit of Theodore Marston; 2) Enclosure 2 - Response to NRC Question 2; 3) Enclosure 3 - Industry workshop on MRP Alloy 600 Issue Task Group June 13 - 14, 2001Preliinary Agenda; and 4) Enclosure 4 Electronic Registration Form	Does not contain EPRI Proprietary Information.	
	S14R-03038 S14R-03104	PWR Materials Reliability Project Interim Alloy 600 Safety Assessments for US PWR Plants (MRP-44), Part 2: Reactor Vessel Top Head Penetrations, Report No. 1001491, Part 2, Interim Report, May 2001	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated May 7, 2001 requesting that the documents be withheld from the public	Document Nos. S14R-03038 S14R-03104 subject to a previous withholding request which was granted

File Name	Document Bates Label	Document Description	Comments	Action/Withholding Requested
432	S14R-03105 S14R-03122	EPRI Memo dated October 22, 2001 transmitting draft Report (MRP-55) to MRP CRDM Alloy 600, 82/182 ITG, MRP Senior Representatives, MRP Crack Growth Review Team with enclosures (i) MRP Response Form, and (ii) Materials Reliability Program (MRP) Recommended Crack Growth Rates for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) of Alloy 600 (MRP-055) October 19, 2001, marked Draft	S14R-03107 S14R-03122 Draft Materials	Document Nos. S14R-03107 S14R-03122 constitute draft materials and as such, should not be released to the public.
	S14R-03126 S14R-03191	PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for U.S. PWR Plants (MRP-44) Part 2: Reactor Vessel Top Head Penetrations, TP-1001491, Part 2, Interim Report, May 2001	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated May 7, 2001 requesting that the documents be withheld from the public	Document Nos. S14R-03126 - S14R-03191 subject to a previous withholding request which was granted
	S14R-03192 S14R-03202	Correspondence dated June 14, 2001 from Brian Sheron, Office of Nuclear Reactor Regulation to Alex Marion of Nuclear Energy Institute with enclosure entitled NRC Staff Review of MRP-44 "PWR Materials Reliability Project Interim Alloy 600 Safety Assessment for US PWR Plants (MRP-44), Part 1; Alloy 82/182 Pipe Butt Welds", TP-100491, Part 1, Interim Report, April 2001	Not an EPRI document. Does not contain EPRI Proprietary Information.	
464	S14Q-00603 S14Q-00667	PWR Materials Reliability Program Interim Alloy 600 Safety Assessments for U.S. PWR Plants (MRP-44) Part 2: Reactor Vessel Top Head Penetrations, TP-1001491, Part 2, Interim Report, May 2001	EPRI Report submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated May 7, 2001 requesting that the documents be withheld from the public	Document Nos. S14Q-00603 - S14Q-00667 subject to a previous withholding request which was granted
464	S14Q-01352 S14Q-01367	Materials Reliability Program (MRP) Recommended Crack Growth Rate for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) of Alloy 600 CRDM Nozzle Material (MRP- 055), Part 1: B&W Tubular Products Heats, November 4, 2001, marked DRAFT	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.

File Name	Document Bates Label	Document Description	Comments	Action/Withholding Requested
465	S14Q-01753 S14Q-01756	Table Entitled "Key Plant Parameters for PWR Reactor Vessel Head Nozzle PWSCC Assessments (July 2001)	EPRI Report submitted to NRC pursuant to an Affidavit of Robin L. Jones dated July 31, 2001 requesting that the documents be withheld from the public	Document No. S14Q-01753 - S14Q-01756 subject to a previous withholding request which was granted
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476	S14Q-05367 S14Q-05640	Table Entitled "Key Plant Parameters for PWR Reactor Vessel Head Nozzle PWSCC Assessments (July 2001)	EPRI Report submitted to NRC pursuant to an Affidavit of Robin L. Jones dated July 31, 2001 requesting that the documents be withheld from the public	Document No. S14Q-05367 - S14Q-05640 subject to a previous withholding request which was granted
477	S14Q-05688 S14Q-05691	Table Entitled "Key Plant Parameters for PWR Reactor Vessel Head Nozzle PWSCC Assessments (July 2001)	EPRI Report submitted to NRC pursuant to an Affidavit of Robin L. Jones dated July 31, 2001 requesting that the documents be withheld from the public	Document No. S14Q-05688 - S14Q-05691 subject to a previous withholding request which was granted
485	S14Q-06649	Hand-annotated Page 15 of Draft MRP-55 report regarding Figure 5 - Comparison of MRP Recommended Crack Growth Curve for Alloy 600	Draft Materials	This document constitutes draft materials and as such, should not be released to the public.
BOOK 10	000975 (1412).pc	"Boric Acid Guidebook, Revision 1 – Managing Boric Acid Corrosion Issues at PWR Power Stations"	EPRI Document. No withholding requested.	
воок т	R-102748 (1404).	l"Boric Acid Corrosion Guidebook – Recommended Guidance for Addressing Boric Acid Corrosion and Leakage Issues"	EPRI Document. No withholding requested.	
CHART	n-a (1566).pdf	Plant PWSCC Ranking and Supporting Information	Submitted to NRC pursuant to an Affidavit of Theodore U. Marston dated August 17, 2001 requesting that the documents be withheld from the public	Document subject to a previous withholding request which was granted