ArevaEPRDCPEm Resource

From: WELLS Russell (AREVA) [Russell.Wells@areva.com]
Sent: Tuesday, April 12, 2011 3:11 PM
To: Tesfaye, Getachew
Cc: BALLARD Bob (AREVA); PATTON Jeff (AREVA); BENNETT Kathy (AREVA); DELANO Karen (AREVA); HALLINGER Pat (EXTERNAL AREVA); ROMINE Judy (AREVA); RYAN Tom (AREVA); WILLIFORD Dennis (AREVA)
Subject: DRAFT Revised Response to U.S. EPR Design Certification Application RAI No. 444, FSAR Ch. 5, OPEN ITEM, Question 05.02.01.01-6
Attachments: RAI 444 Question 05.02.01.01-6 Response US EPR DC - DRAFT.pdf

Getachew,

Attached is a Revised Draft response for RAI No. 444, FSAR Ch. 5, Question 05.02.01.01-6 as shown below in advance of the May 9, 2011 final date.

Let me know if the staff has questions or if this can be sent as a final response.

Sincerely,

Russ Wells
U.S. EPR Design Certification Licensing Manager
AREVA NP, Inc.
3315 Old Forest Road, P.O. Box 10935
Mail Stop OF-57
Lynchburg, VA 24506-0935
Phone: 434-832-3884 (work)
434-942-6375 (cell)
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Russell.Wells@Areva.com

From: WELLS Russell (RS/NB)
Sent: Wednesday, April 06, 2011 4:32 PM
To: 'Tesfaye, Getachew'
Cc: KOWALSKI David (RS/NB); BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No. 444, FSAR Ch. 5, OPEN ITEM, Supplement 5

Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the one question in RAI No. 444 on October 20, 2010. Supplement 1, Supplement 2, Supplement 3, and Supplement 4 responses to RAI No. 444 were sent on November 19, 2010, December 16, 2010, January 13, 2011, and February 11, 2011, respectively, to provide a revised schedule.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail.

The schedule for a technically correct and complete response to the question is provided below.

Question #	Response Date
RAI 444 — 05.02.01.01-6	May 9, 2011

Sincerely,

Russ Wells
U.S. EPR Design Certification Licensing Manager
AREVA NP, Inc.
3315 Old Forest Road, P.O. Box 10935
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Lynchburg, VA 24506-0935
Phone: 434-832-3884 (work)
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Russell.Wells@Areva.com

From: BRYAN Martin (External RS/NB)
Sent: Friday, February 11, 2011 9:33 AM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No. 444, FSAR Ch. 5, OPEN ITEM, Supplement 4

Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the one question in RAI No. 444 on October 20, 2010. Supplement 1, Supplement 2 and Supplement 3 responses to RAI No. 444 were sent on November 19, 2010, December 16, 2010 and January 13, 2011, respectively, to provide a revised schedule.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail.

The schedule for a technically correct and complete response to the question is provided below.

Question #	Response Date
RAI 444 — 05.02.01.01-6	April 8, 2011

Sincerely,

Martin (Marty) C. Bryan
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.
Tel: (434) 832-3016
702 561-3528 cell
Martin.Bryan.ext@areva.com

From: BRYAN Martin (External RS/NB)
Sent: Thursday, January 13, 2011 5:41 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No. 444, FSAR Ch. 5, OPEN ITEM, Supplement 3

Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the one question in RAI No. 444 on October 20, 2010. Supplement 1 and Supplement 2 responses to RAI No. 444 were sent on November 19, 2010 and December 16, 2010, respectively, to provide a revised schedule.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail for the response.

The schedule for a technically correct and complete response to the question is provided below.

Question #	Response Date
RAI 444 — 05.02.01.01-6	February 11, 2011

Sincerely,

Martin (Marty) C. Bryan
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.
Tel: (434) 832-3016
702 561-3528 cell
Martin.Bryan.ext@areva.com

From: BRYAN Martin (External RS/NB)
Sent: Thursday, December 16, 2010 12:15 PM
To: Tesfaye, Getachew
Cc: DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No. 444, FSAR Ch. 5, OPEN ITEM, Supplement 2

Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the one question in RAI No. 444 on October 20, 2010. Supplement 1 response to RAI No. 444 was sent on November 19, 2010 to provide a revised schedule.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail for the response.

The schedule for a technically correct and complete response to the question is provided below.

Question #	Response Date
RAI 444 — 05.02.01.01-6	January 14, 2011

Sincerely,

Martin (Marty) C. Bryan
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.
Tel: (434) 832-3016
702 561-3528 cell
Martin.Bryan.ext@areva.com

From: BRYAN Martin (External RS/NB)
Sent: Friday, November 19, 2010 12:44 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB); 'Miernicki, Michael'
Subject: Response to U.S. EPR Design Certification Application RAI No. 444 (4995), FSAR Ch. 5, OPEN ITEM, Supplement 1

Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the one question in RAI No. 444 on October 20, 2010.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail for the response.

The schedule for a technically correct and complete response to the question is provided below.

Question #	Response Date
RAI 444 — 05.02.01.01-6	December 16, 2010

Sincerely,

Martin (Marty) C. Bryan
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.
Tel: (434) 832-3016
702 561-3528 cell
Martin.Bryan.ext@areva.com

From: BRYAN Martin (External RS/NB)
Sent: Wednesday, October 20, 2010 9:50 AM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No. 444 (4995), FSAR Ch. 5, OPEN ITEM

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 444 Response US EPR DC," provides a schedule since a technically correct and complete response to the question is not provided.

The following table indicates the respective pages in the response document, "RAI 444 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 444 — 05.02.01.01-6	2	2

The schedule for a technically correct and complete response to the question is provided below.

Question #	Response Date

Sincerely,

Martin (Marty) C. Bryan
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.
Tel: (434) 832-3016
702 561-3528 cell
Martin.Bryan.ext@areva.com

From: Tesfaye, Getachew [mailto:Getachew.Tesfaye@nrc.gov]
Sent: Monday, September 20, 2010 7:11 AM
To: ZZ-DL-A-USEPR-DL
Cc: Wu, Cheng-Ih; Dixon-Herrity, Jennifer; Ford, Tanya; Colaccino, Joseph; ArevaEPRDCPEm Resource
Subject: U.S. EPR Design Certification Application RAI No. 444 (4995), FSAR Ch. 5, OPEN ITEM

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on September 14, 2010, and on September 17, 2010, you informed us that the RAI is clear and no further clarification is needed. As a result, no change is made to the draft RAI. The schedule we have established for review of your application assumes technically correct and complete responses within 30 days of receipt of RAIs. For any RAIs that cannot be answered within 30 days, it is expected that a date for receipt of this information will be provided to the staff within the 30 day period so that the staff can assess how this information will impact the published schedule.

Thanks,
Getachew Tesfaye
Sr. Project Manager
NRO/DNRL/NARP
(301) 415-3361

Hearing Identifier: AREVA_EPR_DC_RAIs
Email Number: 2837

Mail Envelope Properties (1F1CC1BBDC66B842A46CAC03D6B1CD41043A7339)

Subject: DRAFT Revised Response to U.S. EPR Design Certification Application RAI No. 444, FSAR Ch. 5, OPEN ITEM, Question 05.02.01.01-6
Sent Date: 4/12/2011 3:10:48 PM
Received Date: 4/12/2011 3:12:49 PM
From: WELLS Russell (AREVA)

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Tracking Status: None
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Tracking Status: None
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Tracking Status: None

Post Office: AUSLYNCMX02.adom.ad.corp

Files	**Size**	**Date & Time**	
MESSAGE	9093	4/12/2011 3:12:49 PM	
RAI 444 Question 05.02.01.01-6 Response US EPR DC - DRAFT.pdf			353869

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

Response to

Request for Additional Information No. 444(49950), Question 05.02.01.01-6, Revision 1

9/20/2010

U.S. EPR Standard Design Certification
AREVA NP Inc.
Docket No. 52-020
SRP Section: 05.02.01.01 - Compliance with the Codes and Standards Rule, 10 CFR 50.55a
Application Section: 5.2.1.1

QUESTIONS for Engineering Mechanics Branch 1 (AP1000/EPR Projects) (EMB1)

Question 05.02.01.01-6:

OPEN ITEM

Follow-up to Open Item RAI 365, Question 5.02.01.01-5

a. The staff finds that the applicant's response to question 5.02.01.01-5(a) is unacceptable since it did not address how the conditions of 10 CFR 50.55a(b)(1)(ii) will be satisfied for the weld leg dimensions for U.S. EPR while using the 2004 Edition or the 1993 Edition of the ASME Code. In lieu of these Code Editions, the staff requests for the applicant to use other Code Edition and Addenda which are acceptable to 10 CFR 50.55a (b)(1)(ii) for the weld leg dimensions and specify them accordingly.

b. The staff finds that the applicant's response to question 05.02.01.01-5(b) is unacceptable since it did not address the staff's concerns relating to the compliance with requirements of ASME NCA-1140(a)(2). The text in NCA-1140 indicates that the applicants do in fact need to meet both NCA-1140(a)(2)(a) and (b). The staff requests for the applicant to address the non-compliance with the requirements of AMSE NCA-1140(a)(2). For example; the applicant could apply Code Case N-782 with a justification, the applicant could add a COL item requiring the COL applicant to address the non-compliance, or the applicant could propose other acceptable alternatives.

Response to Question 05.02.01.01-6:

Item a:

The condition of 10 CFR 50.55a (b)(1)(ii) applies to Class 1, 2 and 3 piping for fillet weld leg dimensions for socket welded flanges and fittings. The Class 1 piping criteria added in the 1989 Addenda of the ASME Code, which has not been accepted by the NRC, is given in paragraph NB-3683.4(c)(1) for primary stress indices for girth fillet welds. The U.S. EPR has provided limitations to the piping specification to prohibit the use of socket welded connections for all Class 1 piping. This limitation will be added to U.S. EPR FSAR Tier 2, Section 3.12.2. Therefore, the condition of 10 CFR 50.55a (b)(1)(ii) is satisfied for Class 1 piping.

The Class 2 and 3 piping criteria added in the 1989 Addenda of the ASME Code, which has not been accepted by the NRC, is given in Note 13 to Tables NC-3673.2(b)-1 and ND-3673.2(b)-1, respectively, of the 2004 Code, which is the Code of Record for the U.S. EPR. Since Note 13 for these tables allows unaccepted revisions to the fillet weld leg dimensions shown in Figures NC-4427-1 and ND-4427-1, the U.S. EPR will use the equations for stress indices and stress intensification factors as given in Tables NC-3673.2(b)-1 and ND-3673.2(b)-1, along with the dimensions in Figures NC-4227-1 and ND-4227-1, and not apply the additional conditions of Note 13. The conditions of 10 CFR 50.55a (b)(1)(ii) are therefore satisfied for Class 2 and 3 piping.

U.S. EPR FSAR Tier 2, Section 3.12.2 will be revised to add details noted above for meeting the requirements of 10 CFR 50.55a (b)(1)(ii) for ASME Class 1, 2 and 3 piping using the 2004 ASME Code. U.S. EPR FSAR Tier 2, Section 5.2.1.1 will be revised to add a cross-reference to Section 3.12.2.

A similar response was accepted by the NRC in the amended FSER for AP1000. Specifically, Section 5.2.1.1 of the amended FSER for AP1000 states:

"In the proposed changes to AP1000 Tier 2, DCD Section 5.2.1.1, the applicant indicated that it would use the 1989 Edition and the1989 Addenda sub-articles NB-3620, NC-3620, ND-3620, NB-3650, NC-3650 and ND-3650 for the seismic design of piping. The staff notes that these are the sub-articles containing the alternative provisions for seismic design of piping that were introduced in the 1994 Addenda Sections NB-3600, NC-3600, and ND-3600. The use of the above proposed sub-articles is consistent with the provisions of 10 CFR 50.55a(b)(1)(iii) and is, therefore, acceptable. Regarding the requirements in 10 CFR 50.55a(b)(1)(ii) relating to weld leg dimensions for socket welds, AP1000 piping design will comply with the requirements of 10 CFR 50.55a(b)(1)(ii) for socket weld dimensions such that DCD Section 5.2.1.1 includes specific requirements including primary stress indices and stress intensification factor consistent with the requirements of 10 CFR 50.55a(b)(1)(ii). In its response dated April 1, 2009, to RAISRP5.2.1-EMB-03, the applicant stated that AP1000 design does not utilize the alternative provisions introduced in NB-3200 from the 1994 Addenda for seismic design of piping. The applicant stated that AP1000 DCD Section 5.2.1.1 will be revised to include the use of the1989 Edition, 1989 Addenda for Subarticle NB-3220. The staff considers the applicant's response and the planned DCD changes to be acceptable."

Item b:

The use of the 2004 Edition of ASME Section III as the code of record for the U.S. EPR Design Certification is in full compliance with the requirements of the NCA-1140(a)(2). As formally interpreted by the ASME Boiler and Pressure Vessel Committee (which, as stated in the Forward of ASME Section III, is the only entity with the authority to provide official interpretations of the Code), NCA-1140(a)(2) requires compliance with the provisions specified in either (a) or (b) of this subparagraph, not both.

This position is further supported in the 2009 Addenda and later edition and addenda which incorporated Code Case N-782 by adding a third provision in NCA-1140(a)(2)(c) as an alternative to the provisions already stated in NCA-1140(a)(2)(a) and (b). If it were interpreted that all three provisions of NCA-1140(a)(2) in these later edition and addenda were required to be met, the addition of the provisions in (c) related to the edition and addenda endorsed for a design certified or licensed by the regulatory authority become useless as soon as 10 CFR 50.55a(b)(1) is updated to endorse a code edition and addenda which is later than that specified in the certified design. The final rulemaking to amend 10 CFR 50.55a endorsing edition and addenda of ASME Section III up through the 2007 Edition with addenda through 2008 is expected in June of 2011. Because the specific purpose of the provisions in NCA-1140(a)(2)(c) is to allow a COL applicant to continue to use the edition and addenda of ASME Section III endorsed in a certified design regardless of endorsement of later edition and addenda in 10 CFR 50.55a(b)(1), it is clear that the intent of NCA-1140(a)(2) is met when any one of the three provisions are satisfied.

As noted in the Response to RAI 365, Question 05.02.01.01-5, the U.S. EPR design certification was docketed on February 25, 2008 by NRC Accession Number ML080380357. Additionally, the COL applications that reference the U.S EPR design certification application were docketed in June 3, 2008 (Accession Number ML081510149 for the Calvert Cliffs 3 application), and December 2008 (Accession Numbers ML083460640 for the Bell Bend application, ML083370485 for the Callaway application, and ML083300519 for the Nine Mile Point application). The Code Edition and Addenda that were endorsed by the NRC when the U.S.

EPR design certification and the Calvert Cliffs 3 COL application were docketed was the 2001 Edition with the 2003 Addenda. The Code Edition and Addenda that were endorsed by the NRC when the Bell Bend and Nine Mile Point COL applications were docketed was the 2004 edition. The code of record, as specified in the U.S. EPR design certification (and also the design specifications), and the COL applications that reference the U.S. EPR design certification is the 2004 Edition. Therefore, the Code Edition and Addenda for the U.S. EPR and the COL applications that reference the U.S. EPR design certification is not earlier than the latest Code Edition and Addenda endorsed by the regulatory authority having jurisdiction at the time the applications were docketed.

NCA-1140(a)(2)(a) requires that the Code Edition and Addenda dates established in the Design Specifications shall not be earlier than three years prior to the date the nuclear power plant construction permit application is docketed. Based on the docket date of the U.S. EPR Design Certification (February 25, 2008), the code edition and addenda in effect three years prior to the docket date (February 25, 2005) was the 2004 Edition. The 2005 Addenda to the 2004 Edition was not issued until July 1, 2005. Therefore, use of the 2004 Edition of ASME Section meets the provisions of NCA-1140(a)(2)(a) for the U.S. EPR design certification. As noted previously, some of the COL applications that reference the U.S EPR design certification were docketed after July 1, 2008 for which compliance with NCA-1140(a)(2)(a) would require use of the 2004 Edition with 2005 Addenda. While, AREVA NP does not agree with the NRC interpretation that compliance is required with the provisions specified in both (a) and (b) of NCA-1140(a)(2), AREVA NP will add Code Case N-782 to U.S. EPR FSAR Tier 2, Table 5.2-1 to address acceptability for its use by future COL applicants.

It is noted that Code Case N-782 has not yet been endorsed by NRC and is not included in Regulatory Guide 1.84, “Design, Fabrication and Materials Code Case Acceptability, ASME Section III.”

FSAR Impact:

U.S. EPR FSAR, Tier 2, Sections 3.12.2 and 5.2 and Table 5.2-1 will be revised as described in the response and indicated on the enclosed markup.

U.S. EPR Final Safety Analysis Report Markups

3.12 ASME Code Class 1, 2, and 3 Piping Systems, Piping Components, and their Associated Supports

3.12.1 Introduction

This section addresses the design of the piping systems and piping supports used in Seismic Category I, Seismic Category II, and non-safety-related systems. The information in this section is primarily supported by AREVA NP Topical Report ANP-10264NP-A (References 1 and 2). This topical report focuses on Seismic Category I and Seismic Category II systems, but also addresses the interaction of non-seismic piping with Seismic Category I piping. Further supporting information is provided in Sections 3.7.2, 3.7.3, 3.9.1, 3.9.2, 3.9.3, 3.13, and 5.2.

3.12.2 Codes and Standards

Applicable codes and standards for piping and pipe supports are detailed in Section 2.0 and in Section 6.1 of References 1 and 2.

Section 2.0 of References 1 and 2 identifies the design code for ASME Class 1, 2 and 3 piping to be the 2004 Edition with no addenda, except for the treatment of dynamic loads. It also states that the limitations of 10 CFR 50.55a (b)(1) are to be met. The limitations of 10 CFR 50.55a (b)(1)(ii), regarding the fillet weld leg dimensions for socket welded flanges and fittings, is met for the 2004 Code by the following:

- Socket welded fittings and flanges are not allowed for ASME Class 1 piping.
- Note 13 to ASME Code Tables NC-3673.2(b)-1 and ND-3673.2(b)-1 is not to be used for ASME Class 2 and 3 piping, respectively. The stress indices and stress intensification factors are to be calculated following the other remaining guidance in the subject tables, along with the dimensions shown in Figures NC-4227-1 and ND-4227-1.

05.02.02.02-6

3.12.3 Piping Analysis Methods

3.12.3.1 Experimental Stress Analysis Methods

Experimental stress analysis methods are not used in lieu of analytical methods for Seismic Category I piping.

3.12.3.2 Modal Response Spectrum Method

The uniform support response spectrum method used in the analyses for piping systems is addressed in Section 4.2 of Reference 1.

3.12.3.3 Response Spectra Method (or Independent Support Motion Method)

The independent support motion response spectrum method is addressed in Section 4.2 of Reference 1.

5.2 Integrity of the Reactor Coolant Pressure Boundary

This section describes the measures employed to provide and maintain the integrity of the reactor coolant pressure boundary (RCPB) for the plant design lifetime. Consistent with the definition in 10 CFR 50.2, the U.S. EPR RCPB includes all pressure-containing components, such as pressure vessels, piping, pumps, and valves which are part of the reactor coolant system (RCS) or connected to the RCS, up to and including these:

- The outermost containment isolation valve in system piping which penetrates primary reactor containment.
- The second of two valves normally closed during normal reactor operation in system piping which does not penetrate primary reactor containment.
- The RCS safety and relief valves.

Section 3.9 presents the design transients, loading combinations, stress limits, and evaluation methods used in the design analyses of RCPB components and supports to demonstrate that RCPB integrity is maintained.

5.2.1 Compliance with Codes and Code Cases

5.2.1.1 Compliance with 10 CFR 50.55a

The RCPB components are designed and fabricated as Class 1 components in accordance with Section III of the ASME Boiler and Pressure Vessel Code (Reference 1), except for components that meet the exclusion requirements of 10 CFR 50.55a(c) which are designed and fabricated as Class 2 components. The RCPB component classification complies with the requirements of GDC 1 and 10 CFR 50.55a. Table 3.2.2-1—Classification Summary lists the RCPB components, including pressure vessels, piping, pumps, and valves, along with the applicable component codes. Other safety-related plant components are classified in accordance with RG 1.26, as specified in Section 3.2.

The code of record for the design of the U.S. EPR is the 2004 edition of the ASME Boiler and Pressure Vessel Code (no addenda).

The application of Section XI of the 2004 edition of the ASME Boiler and Pressure Vessel Code to the U. S. EPR is described in Section 5.2.4 and Section 6.6 The application of the ASME Code for Operation and Maintenance of Nuclear Power Plants (OM Code) (Reference 2) is described in Section 3.9.6.

The requirements for meeting the limitations of 10 CFR 50.55a (b)(1)(ii) are described in Section 3.12.2 for ASME Class 1, 2 and 3 piping.

05.02.01.01-6

Table 5.2-1—ASME Code Cases

Code Case Number	Title
N-4-11	Special Type 403 Modified Forgings or Bars, Class 1 and CS Section III, Division 1
N-60-5	Material for Core Support Structures Section III, Division 1
N-71-18	Additional Materials for Subsection NF, Class 1, 2, 3, and MC Supports Fabricated by Welding, Section III, Division 1
N-284-1[1]	Metal Containment Shell Buckling Design Methods, Section III, Division 1, Class MC
N-319-3	Alternate Procedure for Evaluation of Stresses in Butt Welding Elbows in Class 1 Piping, Section III, Division 1
N-729-1	Alternative Examination Requirements for PWR Reactor Vessel Upper Heads with Nozzles Having Pressure-Retaining, Partial-Penetration Welds
N-782[4]	Use of Code Editions, Addenda, and Cases Section III, Division 1
N-785[3]	Use of SA-479/SA-479M, UNS S41500 for Class 1, Welded Construction Section III, Division 1
OMN-1, Revision 0[2]	Alternative Rules for Preservice and Inservice Testing of Active Electric Motor-Operated Valve Assemblies in Light-Water Reactor Power Plants
OMN-13, Revision 0[2]	Requirements for Extending Snubber Inservice Visual Examination Interval at LWR Power Plants

05.02.01.01-6

NOTES:

1. See Section 3.8 for use.
2. See Section 3.9.6 for use.
3. See Section 5.2.3.1 for use.
4. Not currently endorsed by NRC.

05.02.01.01-6