

**From:** Pederson Ronda M (AREVA NP INC) [Ronda.Pederson@areva.com]  
**Sent:** Friday, September 05, 2008 6:04 PM  
**To:** Getachew Tesfaye  
**Cc:** John Rycyna; WELLS Russell D (AREVA NP INC); DUNCAN Leslie E (AREVA NP INC); DELANO Karen V (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 22, FSAR Ch. 19, Supplement 1  
**Attachments:** nrc08067.pdf

Getachew,

AREVA NP Inc. provided responses to 6 of 16 questions of RAI No. 22 on July 31, 2008. The proprietary and non-proprietary versions of the technically correct and complete responses to five of the remaining questions of RAI No. 22 are submitted via AREVA NP Inc. letter, "Response to U.S. EPR Design Certification Application RAI No. 22, Supplement 1" NRC 08:067, dated September 5, 2008. An affidavit to support withholding of information from public disclosure, per 10CFR2.390(b), is provided as an enclosure to that letter.

*Ronda Pederson*

[ronda.pederson@areva.com](mailto:ronda.pederson@areva.com)

Licensing Manager, U.S. EPR Design Certification

New Plants Deployment

**AREVA NP, Inc.**

An AREVA and Siemens company

3315 Old Forest Road

Lynchburg, VA 24506-0935

Phone: 434-832-3694

Cell: 434-841-8788

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**From:** Pederson Ronda M (AREVA NP INC)  
**Sent:** Thursday, July 31, 2008 6:09 PM  
**To:** 'Getachew Tesfaye'  
**Cc:** 'John Rycyna'; DELANO Karen V (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 22, FSAR Ch. 19

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 22 Response US EPR DC.pdf" provides technically correct and complete responses to 6 of the 16 questions.

Appended to this file are affected pages of the U.S. EPR Final Safety Analysis Report in redline-strikeout format which supports the response to RAI 22 Questions 19-152, 19-153, and 19-155.

The following table provides the page(s) in the response document, "RAI 22 Response US EPR DC.pdf" containing the response to each question.

Question #	Start Page	End Page
RAI 22— 19-146	2	2
RAI 22— 19-147	3	3

RAI 22— 19-148	4	4
RAI 22— 19-149	5	5
RAI 22— 19-150	6	6
RAI 22— 19-151	7	7
RAI 22— 19-152	8	8
RAI 22— 19-153	9	9
RAI 22— 19-154	10	10
RAI 22— 19-155	11	11
RAI 22— 19-156	12	12
RAI 22— 19-157	13	13
RAI 22— 19-158	14	14
RAI 22— 19-159	15	15
RAI 22— 19-160	16	16
RAI 22— 19-161	17	19

Complete answers are not provided for 10 of the 16 questions. The schedule for technically correct and complete responses to these questions is provided below.

Question #	Response Date
RAI 22— 19-147	September 8, 2008
RAI 22— 19-148	October 3, 2008
RAI 22— 19-149	September 8, 2008
RAI 22— 19-150	September 8, 2008
RAI 22— 19-151	September 8, 2008
RAI 22— 19-154	September 8, 2008
RAI 22— 19-158	November 4, 2008
RAI 22— 19-159	October 3, 2008
RAI 22— 19-160	November 4, 2008
RAI 22— 19-161	October 3, 2008

The provided response meets NRC's stated expectation and supports the established review schedule for the U.S. EPR design certification application.

Sincerely,

*Ronda Pederson*

[ronda.pederson@areva.com](mailto:ronda.pederson@areva.com)

Licensing Manager, U.S. EPR Design Certification

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**AREVA NP, Inc.**

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**From:** John Rycyna [mailto:John.Rycyna@nrc.gov]

**Sent:** Thursday, July 03, 2008 11:06 AM

**To:** ZZ-DL-A-USEPR-DL

**Cc:** Edward Fuller; Hossein Hamzehee; Getachew Tesfaye; Joseph Colaccino; John Rycyna

**Subject:** USEPR Design Certification Application RAI No. 22 Ch. 19

Attached please find the subject request for additional information (RAI). A draft of the RAI was provided to you on June 19, 2008 and discussed with your staff on June 26, 2008. Question 19-146 was changed as a result of that discussion. 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.

John Rycyna, PE  
Project Manager  
Division of New Reactor Licensing  
Office of New Reactors  
U.S. Nuclear Regulatory Commission  
301-415-4122

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### E-mail Properties

Mail Envelope Properties (5CEC4184E98FFE49A383961FAD402D31104F4A)

Subject: Response to U.S. EPR Design Certification Application RAI No. 22, FSAR  
Ch. 19, Supplement 1

Sent Date: 9/5/2008 8:21:51 PM

Received Date: 9/5/2008 6:04:00 PM

From: Pederson Ronda M (AREVA NP INC)

Created By: Ronda.Pederson@areva.com

#### Recipients:

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Tracking Status: None

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Karen.Delano@areva.com (DELANO Karen V (AREVA NP INC))

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Tracking Status: None

Post Office:

AUSLYNCMX02.adom.ad.corp

Files	Size	Date & Time
MESSAGE	245123	9/5/2008
nrc08067.pdf	194905	

Options

Expiration Date:

Priority: olImportanceNormal

ReplyRequested: False

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Sensitivity: olNormal

Recipients received: