

LevyCountyRAIsPEm Resource

From: Misenhimer, David
Sent: Friday, April 01, 2011 10:38 AM
To: LevyCountyRAIsPEm Resource
Subject: FW: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 102 RELATED TO SRP SECTION: 13.06 - PHYSICAL SECURITY FOR THE LEVY COUNTY NUCLEAR PLANT, UNITS 1 AND 2 COMBINED LICENSE APPLICATION
Attachments: RAI 5577 cover letter.docx

From: Misenhimer, David
Sent: Monday, March 28, 2011 4:14 PM
To: LevyCountyRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 102 RELATED TO SRP SECTION: 13.06 – PHYSICAL SECURITY FOR THE LEVY COUNTY NUCLEAR PLANT, UNITS 1 AND 2 COMBINED LICENSE APPLICATION

David Misenhimer, P.E.

Project Manager
Office of New Reactors
Division of New Reactor Licensing (DNRL)
BWR Projects Branch (BWR)
U.S. Nuclear Regulatory Commission
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David.Misenhimer@NRC.gov (email)

Hearing Identifier: Levy_County_COL_eRAIs
Email Number: 106

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Subject: FW: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 102 RELATED TO SRP SECTION: 13.06 - PHYSICAL SECURITY FOR THE LEVY COUNTY NUCLEAR PLANT, UNITS 1 AND 2 COMBINED LICENSE APPLICATION

Sent Date: 4/1/2011 10:38:24 AM

Received Date: 4/1/2011 10:38:24 AM

From: Misenhimer, David

Created By: David.Misenhimer@nrc.gov

Recipients:

"LevyCountyRAIsPEm Resource" <LevyCountyRAIsPEm.Resource@nrc.gov>

Tracking Status: None

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RAI 5577 cover letter.docx		30970

Options

Priority: Standard

Return Notification: No

Reply Requested: No

Sensitivity: Normal

Expiration Date:

Recipients Received:

April 1, 2011

Mr. John Elnitsky
Vice President, Nuclear Plant Development
Progress Energy Florida, Inc.
P.O. Box 14042
Saint Petersburg, FL 33733

**SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 102 RELATED TO
SRP SECTION: 13.06 – PHYSICAL SECURITY FOR THE LEVY COUNTY
NUCLEAR PLANT, UNITS 1 AND 2 COMBINED LICENSE APPLICATION**

Dear Mr. Elnitsky:

By letter dated July 28, 2008, as supplemented by letter dated September 12, 2008, Progress Energy Florida, Inc. submitted its application to the U. S. Nuclear Regulatory Commission (NRC) for a combined license (COL) for two AP1000 advanced passive pressurized water reactors pursuant to 10 CFR Part 52. The NRC staff is performing a detailed review of this application to enable the staff to reach a conclusion on the safety of the proposed application. The NRC staff has identified that additional information is needed to continue portions of the review. The staff's request for additional information (RAI) is contained in the enclosure to this letter.

To support the review schedule, you are requested to respond within 30 days of the date of this letter. If changes are needed to the safety analysis report, the staff requests that the RAI response include the proposed wording changes.

Mr. Elnitsky

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If you have any questions or comments concerning this matter, you may contact me at 301-415-6590, or Brian Hughes at 301-415-6582.

Sincerely,

David Misenhimer, Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-018
52-019

eRAI Tracking No: 5577

Enclosure:
Request for Additional Information

Mr. Elnitsky

- 2 -

If you have any questions or comments concerning this matter, you may contact me at 301-415-6590, or Brian Hughes at 301-415-6582.

Sincerely,

David Misenhimer, Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-018
52-019

eRAI Tracking No: 5577

Enclosure:
Request for Additional Information

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NRO-002

OFFICE	RSRLB/BC	NWE1/PM	OGC	NWE1/L-PM
NAME	DHuyck*	DMisenhimer*	JMartin*	BHughes*
DATE	02/25/2011	02/28/2011	03/02/2011	03/08/2011

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD

Request for Additional Information

**Levy County, Units 1 and 2
Progress Energy Florida, Inc.
Docket No. 52-029 and 52-030
SRP Section: 13.06 - Physical Security
Application Section: Physical Security Plan**

QUESTIONS for Reactor Security Rulemaking and Licensing Branch (NSIR/DSP/RSRLB)

13.06-27

Subject: Number of Armed Responders

Basis: 10 CFR 73.55(k)(5)(i) The licensee shall determine the minimum number of armed responders necessary to satisfy the design requirements of § 73.55(b) and implement the protective strategy. The licensee shall document this number in the security plans. (ii) The number of armed responders shall not be less than ten (10). (iii) Armed responders shall be available at all times inside the protected area and may not be assigned other duties or responsibilities that could interfere with their assigned response duties.

Physical Security Plan (PSP), Section 18 details the minimum number of armed responders continuously in the protected area. Explain how this number correlates with the expected number detailed in Westinghouse Technical Report (TR) 94, AP1000 Safeguards Assessment Report revision 5:

Assuming that the applicant will have only one person that fulfills the primary and secondary responsibility of DCD responder # 11 (page 22 of TR 94) for the two units, provide further detail regarding how the secondary responsibility will be fulfilled in the opposite unit.

If applicant has two individuals (one in each unit) that will be available to fulfill the primary and secondary responsibilities of DCD responder # 11, explain whether these two individuals are included in the commitments in PSP Section 18 consistent with the site response strategy in the AP1000 Safeguards Assessment Report, which is incorporated by reference.

If applicant has only one individual (in one unit) that will be available to fulfill the primary and secondary responsibilities of DCD responder # 11, explain whether another individual would be stationed at the opposite unit to fulfill the secondary responsibility of responder #11. If so, describe in section 18 of the PSP whether this additional individual would be required to meet the response requirements stated in the site response strategy in the AP1000 Safeguards Assessment Report, which is incorporated by reference.

Provide a detailed metric of your staffing conclusion whereby you compared the minimum number of armed responders as described in Section 18 of the PSP with Westinghouse Technical Report (TR) 94, AP1000 Safeguards Assessment Report revision 5, section 5.2.2, all personnel listed on page 22 with the exception of the CAS and SAS officers (#7 and #12).