

LeeRAIsPEm Resource

From: Misenhimer, David
Sent: Tuesday, March 08, 2011 2:49 PM
To: LeeRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 094 RELATED TO SRP SECTION: 13.03 - EMERGENCY PLANNING FOR THE WILLIAM STATES LEE III UNITS 1 AND 2 COMBINED LICENSE APPLICATION
Attachments: RAI 4751 cover letter.docx

David Misenhimer, P.E.

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Division of New Reactor Licensing (DNRL)
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Hearing Identifier: Lee_COL_RAI
Email Number: 119

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Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 094 RELATED TO SRP SECTION: 13.03 - EMERGENCY PLANNING FOR THE WILLIAM STATES LEE III UNITS 1 AND 2 COMBINED LICENSE APPLICATION

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From: Misenhimer, David

Created By: David.Misenhimer@nrc.gov

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"LeeRAIsPEm Resource" <LeeRAIsPEm.Resource@nrc.gov>
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March 8, 2011

Mr. Peter S. Hastings, P.E.
Licensing Manager, Nuclear Plant Development
Duke Energy
526 South Church Street
Charlotte, NC 28201-1006

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 094 RELATED TO
SRP SECTION: 13.03 – EMERGENCY PLANNING FOR THE WILLIAM
STATES LEE III UNITS 1 AND 2 COMBINED LICENSE APPLICATION

Dear Mr. Hastings:

By letter dated December 12, 2007, as supplemented by letters dated January 28, 2008, February 6, 2008 and February 8, 2008, Duke Energy 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. Hastings

- 2 -

If you have any questions or comments concerning this matter, you may contact me at 301-415-6590, or you may contact 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: 4751

Enclosure:
Request for Additional Information

Mr. Hastings

- 2 -

If you have any questions or comments concerning this matter, you may contact me at 301-415-6590, or you may contact 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: 4751

Enclosure:
Request for Additional Information

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NRO-002

OFFICE	NRLB/BC	NWE1/PM	NWE1/L-PM
NAME	KWilliams*	DMcGovern*	BHughes*
DATE	06/08/2010	06/08/2010	06/08/2010

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD

Request for Additional Information

**William States Lee III, Units 1 and 2
Duke Energy Carolinas, LLC
Docket No. 52-018 and 52-019
SRP Section: 13.03 - Emergency Planning
Application Section: Part 5**

QUESTIONS for Licensing and Inspection Branch (NSIR/DPR/LIB) (EP)

13.03-88

Subject: Hostile Action Considerations

Basis: 10 CFR 50.47; Appendix E to 10 CFR 50; Regulatory Guide 1.206, Section C.I.13.3.1

SRP Acceptance Criteria: 1, 2, and 30

Regulatory Guide 1.206 specifies that applicants for a combined license address the NRC orders issued February 25, 2002, as well as any subsequent NRC guidance, to determine what security-related aspects of emergency planning and preparedness are addressed in the emergency plan.

1. NRC Bulletin 2005-02, "Emergency Preparedness and Response Actions for Security-Based Events," provides guidance for identifying alternative facilities to support emergency response organization augmentation during hostile-action events. Describe in the emergency plan, or provide reference to where this information is contained, an alternative facility to support rapid response to a hostile-action event, or provide justification as to why this information is not necessary. As stated in BL 2005-02, the alternative facility should include the following characteristics:
 - Accessibility even if the site is under threat or attack;
 - Communication links with the emergency operations facility, control room, and security;
 - Capability to notify offsite response organizations if the emergency operations facility is not performing this action;
 - Capability for engineering and damage control teams to begin planning mitigative actions (e.g., general drawings and system information)
2. NRC Bulletin 2005-02, "Emergency Preparedness and Response Actions for Security-Based Events," provides guidance regarding the potential effect on the plant from damage to nearby hazardous facilities, dams, and other nearby sites, however, the potential effect to onsite staffing with augmentation, and onsite evacuation strategies in consideration of a security event is not addressed. Clarify whether this evaluation has been performed and provide the location of where this evaluation has been considered in the Lee Emergency Plan. If this evaluation has not been performed, discuss the potential effect to onsite staffing with augmentation, and onsite evacuation strategies in consideration of a security event from damage to nearby hazardous facilities, dams, and

other nearby sites. Address this evaluation in the Lee Emergency Plan accordingly, or justify why this information is not required.

3. C. NRC Bulletin 2005-02, "Emergency Preparedness and Response Actions for Security-Based Events," provides guidance that Emergency Preparedness (EP) drill and exercise programs maintain the key skills necessary for mitigating security-based events. The Emergency Response Organization demonstrates security-based EP program activities under the schedule as committed to in their emergency plans. Discuss in the emergency plan/procedures whether EP drills and exercises will be scheduled to address security based events or justify why this information is not required.

13.03-89

Basis: 10 CFR 50.47(b)(4); Appendix E to 10 CFR 50, Sections IV.B and C; Reference: NUREG-0654/FEMA REP-1 Evaluation Criterion D.1

SRP Acceptance Criteria: Requirement 2, Criterion 3

In RAI-13.3-78, the staff requested a confirmation that the EAL scheme would be coordinated with State and local offsite response organizations. In response, the applicant stated this would be accomplished through a proposed license condition. Propose a license condition that will be used to confirm the coordination of proposed EALS with the State and local officials.