

PMSTPCOL PEmails

From: Foster, Rocky
Sent: Tuesday, June 25, 2013 3:38 AM
To: 'rhscheide@ninallc.net'; 'leelton@ninallc.net'
Cc: STPCOL
Subject: FW: RAI Letter 425
Attachments: ML13171A255.pdf

Dick,

Here's the 1st of 5 RAI letters for the Fukushima Mitigative Strategies.

Thanks,

Rocky

From: Keith, Felicia
Sent: Monday, June 24, 2013 3:17 PM
To: NRO_DNRL_LB3 Distribution; RidsNroDnrILb3 Resource; RidsNroDsraBpfp Resource; Li, Chang; McKenna, Eileen
Subject:

TO: Scott Head

FROM: Rocky Foster

DATE: June 24, 2013

ADAMS Accession No: ML13171A255

[View ADAMS P8 Properties ML13171A255](#)

[Open ADAMS P8 Document \(Request For Additional Information Letter No. 425 Related To SRP Section 01.05 For The Nuclear Innovation North America, LLC Combined license Application.\)](#)

Hearing Identifier: SouthTexas34Public_EX
Email Number: 3629

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Subject: FW: RAI Letter 425
Sent Date: 6/25/2013 3:37:59 AM
Received Date: 6/25/2013 3:38:00 AM
From: Foster, Rocky

Created By: Rocky.Foster@nrc.gov

Recipients:

"STPCOL" <STP.COL@nrc.gov>
Tracking Status: None
"rhscheide@ninallc.net" <rhscheide@ninallc.net>
Tracking Status: None
"leelton@ninallc.net" <leelton@ninallc.net>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

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Options

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

June 24, 2013

Mr. Scott Head, Manager
Regulatory Affairs
STP Units 3 & 4
Nuclear Innovation North America, LLC
122 West Way, Suite 405
Lake Jackson, TX 77566

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 425 RELATED TO
SRP SECTION 01.05 FOR THE NUCLEAR INNOVATION NORTH AMERICA,
LLC COMBINED LICENSE APPLICATION

Dear Mr. Head:

By letter dated September 20, 2007, South Texas Project (STP) submitted for approval a combined license application pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) Part 52. The U.S. Nuclear Regulatory Commission (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.

S. Head

- 2 -

If you have any questions or comments concerning this matter, I can be reached at 301-415-5787 or by e-mail at rocky.foster@nrc.gov or you may contact George Wunder at 301-415-1494 or george.wunder@nrc.gov.

Sincerely,

/RA/

Rocky D. Foster, Project Manager
Licensing Branch 3
Division of New Reactor Licensing
Office of New Reactors

Docket Nos.: 52-012
52-013

eRAI Tracking No.: 7136

Enclosure:
Request for Additional Information

cc: William Mookhoek
Richard Scheide
Loree Elton

S. Head

- 2 -

If you have any questions or comments concerning this matter, I can be reached at 301-415-5787 or by e-mail at rocky.foster@nrc.gov or you may contact George Wunder at 301-415-1494 or george.wunder@nrc.gov.

Sincerely,

/RA/

Rocky D. Foster, Project Manager
Licensing Branch 3
Division of New Reactor Licensing
Office of New Reactors

Docket Nos.: 52-012
52-013

eRAI Tracking No.: 7136

Enclosure:
Request for Additional Information

cc: William Mookhoek
Richard Scheide
Loree Elton

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ADAMS ACCESSION NO.: ML13171A255

NRO-002

OFFICE	TR:DSRA/BPFP	BC:DSRA/BPFP	LA:DNRL/LB3	LPM:DNRL/LB3	PM:DNRL/LB3
NAME	CLi*	EMcKenna*	SGreen	GWunder (Ttai for)	RFoster
DATE	05/31/2013	05/31/2013	06/20/2013	06/24/2013	0620/2013

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Request for Additional Information 425

Issue Date: 6/20/2013

Application Title: South Texas Project Units 3 and 4 - Dockets 52-012 and 52-013

Operating Company: South Texas Project Nuclear Operating Co

Docket No. 52-012 and 52-013

Review Section: 01.05 - Other Regulatory Considerations

Application Section: 01.05

QUESTIONS

01.05-11

In regards to the response to RAI 01.05-5, the staff reviewed the applicant's response and determined that the response is insufficient to completely address the staff's concerns. The NRC staff needs sufficient information in order to reach a safety conclusion within the COLA review. The applicant should address the specific provisions in Interim Staff Guidance (ISG) JLD-ISG-2012-01, "Compliance with Order EA-12-049, Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events," (ML12229A174) dated August 29, 2012 that endorses the Nuclear Energy Institute (NEI) 12-06, "Diverse and Flexible Coping Strategies (FLEX) Implementation Guide". The ISG provides an acceptable method for satisfying Order EA-12-049. As stated in the ISG, other methods may be used to satisfy Order EA-12-049, but these methods will be reviewed by the NRC staff on a case-by-case basis to determine their acceptability. If the applicant proposes to use methods that differ from those in the ISG and endorsed guidance, the applicant should explain why these alternative methods are acceptable. Examples where additional information is needed include the following:

1. Demonstrate that after the load shed of the dc batteries the power supplies needed for Phase 1 core cooling will be available.
2. Discuss the environmental qualification of the dc batteries. Demonstrate that the qualification temperature will not be exceeded in the battery room at 36 hours into an extended loss of ac power (ELAP).
3. List the power sources under ELAP for all the valves and pumps that will be required for mitigation strategies for Phase 1 and for Phase 3 respectively including core cooling, containment overpressure protection, and spent fuel pool cooling. Also, identify all the manual operations for the pumps and valves.

Enclosure