

TurkeyPointRAIsPEm Resource

From: Comar, Manny
Sent: Wednesday, February 20, 2013 10:04 AM
To: TurkeyPointRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LTR. No: 71 RELATED TO SRP: 11.02
LIQUID WASTE MANAGEMENT FOR THE TURKEY POINT UNITS 6 AND 7 COLA
Attachments: PTN-RAI-LTR-071.doc

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Subject: REQUEST FOR ADDITIONAL INFORMATION LTR. No: 71 RELATED TO SRP:
11.02 LIQUID WASTE MANAGEMENT FOR THE TURKEY POINT UNITS 6 AND 7 COLA
Sent Date: 2/20/2013 10:04:17 AM
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From: Comar, Manny

Created By: Manny.Comar@nrc.gov

Recipients:
"TurkeyPointRAIsPEm Resource" <TurkeyPointRAIsPEm.Resource@nrc.gov>
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February 20, 2013

Mano K. Nazar
Senior Vice President and Chief Nuclear Officer
Florida Power & Light Company
Mail Stop NNP/JB
700 Universe Blvd
Juno Beach, FL 33408-0420

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO.071 RELATED
TO SRP SECTION.11.02 LIQUID WASTE MANAGEMENT SYSTEMS FOR
THE TURKEY POINT NUCLEAR PLANT UNITS 6 AND 7 COMBINED
LICENSE APPLICATION

Dear Mr. Nazar:

By letter dated June 30, 2009, as supplemented by letters dated August 7, 2009, September 3, 2010, December 21, 2010, December 16, 2011 and December 14, 2012, Florida Power and Light 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 45 days of the date of this letter. If you are unable to provide a response within 45 days, please state when you will be able to provide the response. In the event the response submitted is incomplete, please indicate in the response when the complete response will be provided. If changes are needed to the final safety analysis report, the staff requests that the RAI response include the proposed wording changes. Your response should also indicate whether any of the information provided is to be withheld as exempt from public disclosure pursuant to 10 CFR 2.390.

If you have any questions or comments concerning this matter, you may contact me at 301-415-3863 or manny.comar@nrc.gov.

Sincerely,

/RA/

Manny Comar, Lead Project Manager
AP1000 Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-040
52-041

Enclosure:
Request for Additional Information

CC: see next page

If you have any questions or comments concerning this matter, you may contact me at 301-415-3863 or manny.comar@nrc.gov.

Sincerely,

/RA/

Manny Comar, Lead Project Manager
AP1000 Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-040
52-041
eRAI Tracking No. 6919

Enclosure:
Request for Additional Information

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NRO-002

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NAME	MMcCoppin*	MComar*	SPrice*	MComar*
DATE	10/22/12	10/24/12	11/08/12	2/20/13

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Request for Additional Information 71

Issue Date: 2/20/2013

Application Title: Turkey Point Units 6 and 7

Operating Company: Florida P and L

Docket No. 52-040 and 52-041

Review Section: 11.02 - Liquid Waste Management System

Application Section: 11.2.3.6

QUESTIONS

11.02-5

FSAR Tier 2, Rev. 3, Section 11.2.3.6 presents supplemental information on quality assurance and commits to follow the guidance of RG 1.143 in recognition that the guidance of RG 1.143 would apply to LWMS subsystems and components not covered by the requirements of Appendix B to 10 CFR Part 50. In the context of this commitment the staff notes that the discussion is incomplete as it makes no distinctions between permanently installed LWMS and skid-mounted systems, and does not recognize that the industry guidance cited in RG 1.143 has been revised. Accordingly, the applicant is requested to address the following concerns and revise the corresponding sections of the FSAR. The applicant is requested to:

1. Clarify the information on the scope of the QA program to ensure that it covers both types of LWMS, the permanently-installed LWMS, as described in the AP1000 DCD, and an optional skid-mounted-LWMS with its design being the responsibility of the COLA for procurement specifications, and in confirming its proper fabrication and installation.
2. For skid mounted-LWMS, the applicant is requested to clarify those aspects of its design features, installation, and operational testing in confirming the proper operational interfaces with permanently installed LWMS components and facility services, such as compressed air, water supply, radiation monitoring, connections to the radioactive drain and exhaust ventilation systems servicing radioactively contaminated systems, among others.
3. In describing the implementation of the QA program that would be implemented under RG 1.143, the applicant is requested to endorse the following current industry guidance: ANSI/ANS-55-6-1993 (Reaffirmed May 14, 2007) for the LWMS; ANSI/ANS-55-4-1993 (Reaffirmed May 14, 2007) for the GWMS; and ANSI/ANS-40-37-2009 for the SWMS. These current industry standards supersede the earlier versions cited in RG 1.143.
4. Given that the above addresses the LWMS, the applicant is requested to make parallel reviews and revisions in FSAR Tier 2, Rev. 3, Section 11.3.3.6 for the GWMS, and FSAR Tier 2, Rev. 3, Section 11.4.5 for the SWMS.