

PMTurkeyCOLPEm Resource

From: Comar, Manny
Sent: Thursday, March 29, 2012 7:58 AM
To: Butler, Rhonda; Comar, Manny; Galletta, Thomas; Habib, Donald; Hughes, Brian; Joshi, Ravindra; McGovern, Denise; Minarik, Anthony; Nagel, Cheri; Snyder, Amy; Tonacci, Mark; RidsAcrcAcnw_MailCTR Resource; RidsNroDnrLb4 Resource; RidsNroLAKGoldstein Resource; RidsOgcMailCenter Resource; RidsRgn2MailCenter Resource; orthen, Richard; Raymond Burski; Steve Franzone; STEVEN.HAMRICK; TurkeyCOL Resource; William Maher
Cc: Weisman, Robert; Price, Sarah; Tammara, Seshagiri
Subject: REQUEST FOR ADDITIONAL INFORMATION LTR. No: 55 RELATED TO SRP 02.01.03 POPULATION DISTRIBUTION FOR THE TURKEY POINT UNITS 6 AND 7 COMBINED LICENSE APPLICATION
Attachments: PTN-ltr-55-rai6079.pdf

Attached is the RAI letter No. 55 related to SRP Section 02.01.03 Population Distribution for the Turkey Point Units 6 and 7 Combined License Application.

The Accession number is ML12088A414

If you have any further questions, please feel free to contact me. Thanks

Manny Comar
Senior Project Manager
NRO/DNRL/NWE1
Nuclear Regulatory Commission
301-415-3863
<mailto:manny.comar@nrc.gov>

Hearing Identifier: TurkeyPoint_COL_Public
Email Number: 572

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Subject: REQUEST FOR ADDITIONAL INFORMATION LTR. No: 55 RELATED TO SRP
02.01.03 POPULATION DISTRIBUTION FOR THE TURKEY POINT UNITS 6 AND 7 COMBINED
LICENSE APPLICATION

Sent Date: 3/29/2012 7:57:30 AM

Received Date: 3/29/2012 7:57:31 AM

From: Comar, Manny

Created By: Manny.Comar@nrc.gov

Recipients:

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Tracking Status: None

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Tracking Status: None

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Tracking Status: None

"McGovern, Denise" <Denise.McGovern@nrc.gov>

Tracking Status: None

"Minarik, Anthony" <Anthony.Minarik@nrc.gov>

Tracking Status: None

"Nagel, Cheri" <Cheri.Nagel@nrc.gov>

Tracking Status: None

"Snyder, Amy" <Amy.Snyder@nrc.gov>

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Tracking Status: None

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Tracking Status: None

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Tracking Status: None

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Tracking Status: None

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"orthen, Richard" <richard.orthen@fpl.com>

Tracking Status: None
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Tracking Status: None
"Steve Franzone" <steve.Franzone@fpl.com>
Tracking Status: None
"STEVEN.HAMRICK" <steven.hamrick@fpl.com>
Tracking Status: None
"TurkeyCOL Resource" <TurkeyCOL.Resource@nrc.gov>
Tracking Status: None
"William Maher" <William.maher@fpl.com>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	463	3/29/2012 7:57:31 AM
PTN-ltr-55-rai6079.pdf	95462	

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

TurkeyPointRAIsPEm Resource

From: Comar, Manny
Sent: Wednesday, March 28, 2012 10:29 AM
To: TurkeyPointRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LTR. No: 55 RELATED TO SRP 02.01.03
POPULATION DISTRIBUTION FOR THE TURKEY POINT UNITS 6 AND 7 COMBINED
LICENSE APPLICATION
Attachments: PTN-RAI-LTR-055.doc

Hearing Identifier: TurkeyPoint_COL_eRAIs
Email Number: 66

Mail Envelope Properties (377CB97DD54F0F4FAAC7E9FD88BCA6D08073538F66)

Subject: REQUEST FOR ADDITIONAL INFORMATION LTR. No: 55 RELATED TO SRP
02.01.03 POPULATION DISTRIBUTION FOR THE TURKEY POINT UNITS 6 AND 7 COMBINED
LICENSE APPLICATION

Sent Date: 3/28/2012 10:28:53 AM

Received Date: 3/28/2012 10:28:53 AM

From: Comar, Manny

Created By: Manny.Comar@nrc.gov

Recipients:

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

Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	8	3/28/2012 10:28:53 AM
PTN-RAI-LTR-055.doc	57850	

Options

Priority: Standard

Return Notification: No

Reply Requested: No

Sensitivity: Normal

Expiration Date:

Recipients Received:

March 28, 2012

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. 055 RELATED
TO SRP SECTION 02.01.03 POPULATION DISTRIBUTION 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 and December 16, 2011, 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 30 days of the date of this letter. If you are unable to provide a response within 30 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 Projects Branch 1
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 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-040
52-041
eRAI Tracking No. 6079

Enclosure:
Request for Additional Information

Distribution:

Public	BWeisman	BHughes
RidsNroDnrINwe1	Baval	MComar
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RidsRgn2MailCenter	DHabib	RSchaaf
AMinarik	MTonacci	

NRO-002

OFFICE	MDM2/BC	LB4/PM	LB4/L-PM
NAME	RSchaaf*	MComar*	MComar*
DATE	2/23/12	3/12/12	3/28/12

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Request for Additional Information No. 6079

3/28/2012

Turkey Point Units 6 and 7
Florida P and L
Docket No. 52-040 and 52-041
SRP Section: 02.01.03 - Population Distribution
Application Section: 2.1.3

QUESTIONS from Siting and Accident Conseq Branch (RSAC)

02.01.03-2

Pursuant to 10 CFR 79(a)(1)(v), a COL application must contain a final safety analysis report (FSAR) that shall include, the existing and projected future population profile of the area surrounding the site. Pursuant to 10 CFR 100.21(h), areas of low population density are generally preferred. Section 2.1.3.6 of the FSAR identified that the population density exceeds criterion of 500 people-per-square mile specified in RGs 1.206 and 4.7. In accordance with RG 4.7, Regulatory Position C.4, a site with higher population density may be found acceptable based on factors such as safety, environmental, or economic considerations.

The applicant states in the FSAR that alternative sites have been evaluated in the Environmental Report for Units 6 and 7. In order to adequately document the licensing basis, the analysis for the evaluation of alternative sites (having low population density) performed by the applicant towards Environmental Report/EIS can be incorporated by reference (IBR). However, a discussion of summary of results containing the rationale and justification for the selection of high density site should be addressed in FSAR in accordance with the guidance provided in RG 4.7, Regulatory Position C.4.