

UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D.C. 20555-0001

January 16, 2001

- ORGANIZATIONS: Nuclear Energy Institute (NEI), Entergy Operations, Inc. (Entergy), Southern Nuclear Operating Company (SNC), and Florida Power and Light Company (FPL)
- SUBJECT: SUMMARY OF LICENSE RENEWAL MEETING BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION (NRC) AND THE NEI LICENSE RENEWAL WORKING GROUP; ENTERGY FOR ARKANSAS NUCLEAR ONE, UNIT 1 (ANO-1); SNC FOR HATCH NUCLEAR PLANT, UNITS 1 AND 2 (HATCH); AND FPL FOR TURKEY POINT UNITS 3 AND 4

A joint meeting was held on November 29, 2000, to discuss generic renewal activities and the status of license renewal applications under review by the NRC. The meeting began with discussions between the NRC's License Renewal Steering Committee (LRSC) and NEI's License Renewal Working Group on the general status of license renewal applications and generic license renewal activities. The meeting continued with discussions between NRC management and Entergy, SNC, and FPL regarding the reviews of the ANO-1, Hatch, and Turkey Point license renewal applications, respectively. Attendees at the meeting are listed in Attachment 1. The agenda for the meeting is provided as Attachment 2. Following is a summary of the discussions at the meeting:

I. NRC LRSC - NEI Working Group

A. Status of applications

Entergy, SNC, and FPL provided summaries of the ANO-1, Hatch, and Turkey Point license renewal application reviews, which were subsequently discussed in more detail during the management portion of the meeting (see summaries below). Communications continue to be good and the reviews of the applications are on or ahead of schedule.

B. License renewal interest

(1) Current licensee interest

The chart in Attachment 3 shows the latest information the NRC has regarding licensee plans for submitting license renewal applications. The importance of licensees informing the NRC of plans for submitting renewal applications was again stressed. Because of the number of resources involved in reviewing an application, this information is crucial to the NRC's planning and budgeting process. The "TBDs" on the attached chart are open slots for applications based on previous budget assumptions. However, the NRC currently has no indication of any licensee interest for these slots and will be reassessing maintaining these open slots as part of its current budget activities.

(2) Regulatory Information Summary status

At the July 20, 2000, NRC - NEI meeting, the industry discussed the business sensitivity of renewal plans for some licensees and the reluctance to submit this information to the NRC. In response to industry concerns regarding maintaining the information confidential, the NRC prepared and issued to all holders of operating licenses, Regulatory Issue Summary 2000-20, "Importance of Industry Providing NRC Advance Notice of Intent to Pursue License Renewal." This summary discusses the importance of informing the NRC of license renewal plans and describes the process for requesting the information be controlled as proprietary due to its confidential financial or commercial nature. NEI acknowledged the NRC's ability to maintain the information which would have to be disclosed if requested by Congress.

C. New lessons learned from application reviews - Categorization of RAIs

At previous meetings, NEI had proposed an activity to assist in improving the request for additional information (RAI) process by having applicants review and categorize the RAIs received from the staff. Entergy and SNC have categorized the RAIs that have been received using seven categories and will provide this information to the NRC for discussion at future meetings. The results of the review can then be used to better understand the validity and effectiveness of the RAIs developed by the staff and its contractors and better focus the RAI process and achieve efficiencies for the future.

D. License renewal implementation guidance development

(1) Categorization of public comments

Attachment 4 summarizes the public comments received on the license renewal implementation guidance documents (license renewal standard review plan (SRP), regulatory guide (RG), and Generic Aging Lessons Learned (GALL) Report). Of the written comments received from 126 commenters, approximately 100 were from individuals responding to a news article that incorrectly characterized the public comment period on the guidance documents as the only opportunity for public involvement before the NRC generically renewed the licenses of operating licenses. The NRC staff has clarified the intent of the public comment period to these commenters and is currently evaluating the remainder of the comments and is meeting with industry to discuss open items.

(2) Improved renewal guidance schedule status

The schedule for issuing the revised guidance documents is contained in Attachment 5. NEI discussed a topic that it raised with the Commission at the December 4, 2000, briefing. NEI stated that dialogue between the staff and industry has been good in developing the current version of the Generic Aging Lessons Learned (GALL) report and the license renewal standard review plan (SRP). However, the industry expected the GALL report to be a compilation of the lessons learned from the Calvert Cliffs and Oconee reviews reflecting where existing programs

were found acceptable. Instead, NEI stated that few existing programs match exactly all of the attributes for the programs listed in the GALL report and that it may be of limited use to future applicants, that the report is too detailed and prescriptive, and that the industry is uncertain how to use the report in preparing a renewal application.

The NRC staff responded that lessons learned from the first reviews were considered in developing the GALL report, but programs may differ from those approved for the first applicants because these applicants used different plant-specific programs. The detail in the report is provided to ensure consistency in applicant's use and staff reviews in order to obtain efficiencies for future reviews. A number of industry concerns involve uncertainty regarding how the staff will use the GALL report in performing reviews. The industry's implementation concerns regarding staff use of the GALL report have been discussed in the past between the staff and industry and the staff expects to continue these discussions. The staff also plans to include additional clarification on the use of the GALL report in the SRP. NEI also indicated an option to use a "demonstration" of plant examples to work through the implementation issues.

II. NRC Mangement -- License Renewal Applicants

A. Entergy Operations, Inc. -- ANO-1

The NRC staff and Entergy noted the accomplishments for the review of the ANO-1 license renewal application. The staff and the applicant have met or exceeded all scheduled milestones to date for the review of the application. The staff's presentation materials are contained in Attachment 6 and Entergy's in Attachment 7.

The staff noted that since the last management meeting on September 26, 2000, the staff issued the draft supplemental environmental impact statement (DSEIS) approximately 2 months ahead of schedule. As a result of the early release of the DSEIS, the staff held the second public meeting relating to the DSEIS on November 14, 2000, in Russelville, Arkansas. The staff reported that the meeting went well without any noted objections to the ongoing license renewal activities.

Two milestones will come due prior to the next management meeting, the scoping inspection was scheduled to take place and was subsequently completed during the week of December 11, 2000, and the technical safety evaluation report with open items is scheduled to be released by January 10, 2001.

Entergy provided a similar summary. They were pleased with the progress being made on the review of the ANO-1 renewal application and the level of communication between the NRC and their staff. They also discussed their willingness to continue to work with the staff on potential open items relating to the safety evaluation.

B. Southern Nuclear Operating Company, Inc. -- Hatch

The staff and SNC noted the accomplishments over the last 2 months for the review of the Hatch license renewal application. The staff and SNC have met or exceeded all scheduling milestones to date for the review of the application. The staff's presentation materials are contained in Attachment 8 and SNC's in Attachment 9.

The staff noted that since the last management meeting in September, two milestones had been completed: SNC provided the remaining responses to the staff safety review requests for additional information on October 10, 2000, and the DSEIS was issued on November 3, 2000. In addition, on October 5, 2000, the staff held its public exit meeting at the Hatch site for both the scoping and screening audit and the scoping inspection (the scoping inspection report was issued on November 1, 2000).

Upcoming activities and milestones discussed included the public meeting to discuss the DSEIS (subsequently held on December 12, 2000), submittal of the annual update (submitted by letter dated December 15, 2000), and the issuance of the safety review safety evaluation report with open items (scheduled for February 8, 2001).

It was noted that the treatment of certain active components (fans and dampers) and complex assemblies, as well as the treatment of seismic II/I piping systems are being addressed by the staff and SNC. In addition, SNC requested that the NRC continue to evaluate the feasibility of providing a fee waiver for a portion of the review activities associated with the Hatch renewal application review.

C. Florida Power and Light Company -- Turkey Point

The NRC staff presented the status its review of the Turkey Point license renewal application that was received on September 11, 2000. This was the first management meeting on the Turkey Point application. The staff's presentation materials are contained in Attachment 10 and FPL's in Attachment 11.

The acceptance review of the application was completed and noticed in the <u>Federal Register</u> on October 12, 2000, with November 13, 2000 as the deadline for filing a request for a hearing and petition for leave to intervene in the proceeding. By order dated November 6, 2000, the Secretary of the Commission extended this date to November 27, 2000, for one individual. A total of two petitions for hearing were subsequently submitted on this license renewal application. An Atomic Safety and Licensing Board has been established to preside over the proceedings. In an order issued on November 27, 2000, the Commission directed the Board to decide within 90 days whether the two petitions for hearing will be granted. The Order further stated that if a hearing is granted, the Board should set a schedule for conducting the hearing with a goal to issue a Commission decision on the license renewal application in about 30 months.

The review schedule for the application was discussed and the next milestones are the transmittal of all requests for additional information by February 5, 2001, and to conduct the public environmental scoping meeting scheduled for December 6, 2000 (subsequently completed). To date, no major technical issues have been identified.

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January 16, 2001

The next combined meeting involving the LRSC, NEI Working Group, NRC staff, and the applicants will be scheduled in February 2001.

Stephen I. Hoffman

Stephen T. Hoffman, Senior Project Manager License Renewal and Standardization Branch Division of Regulatory Improvement Programs Office of Nuclear Reactor Regulation

Project No. 690

Docket Nos. 50-250 and 50-251 (FPL); 50-313 (Entergy); 50-321 and 50-366 (SNC)

Attachments: As stated

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/RA/

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NRC LICENSE RENEWAL MEETING WITH NEI AND LICENSE RENEWAL APPLICANTS ATTENDANCE LIST NOVEMBER 29, 2000

<u>NAME</u>

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Attachment 1

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*BY TELEPHONE =

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AGENDA

NRC LICENSE RENEWAL MEETING WITH NEI AND THE LICENSE RENEWAL APPLICANTS NOVEMBER 29, 2000

I. NRC License Renewal Steering Committee -- NEI License Renewal Working Group

Purpose: Review status and identify expectations for the future

- A. Status of applications
 - (1) Arkansas Nuclear One, Unit 1
 - (2) Hatch
 - (3) Turkey Point
- B. License renewal interest
 - (1) Current licensee interest
 - (2) Regulatory Information Summary status
- C. New lessons learned from application reviews

Categorization of RAIs

- D. License renewal implementation guidance development
 - (1) Categorization of public comments
 - (2) Improved renewal guidance schedule status
- II. NRC Management -- License Renewal Applicants

Purpose: Discuss accomplishments, upcoming activities, and any issues warranting management attention for each license renewal application under review

- A. Entergy Operations, Inc. -- Arkansas Nuclear One, Unit 1
- B. Southern Nuclear Operating Company, Inc. -- Hatch, Units 1 and 2
- C. Florida Power and Light Company Turkey Point, Units 3 and 4

Projected Schedule of License Renewal Applications Through FY05

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slot	Plant	Submit	10	20	13Q	4Q	10		13Q	40	10	20		4Q	10	2Q	3Q	4Q	10	20	3Q	4Q	1Q	2Q	3Q	4Q
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Planned work

Accelerated schedule changed FY of submittal date

Slot available consistent with budget model

Assumptions

1. Schedules based on 25-month review without hearing.

2. TBDs are scheduled for receipt at beginning of FY.

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FY05 8	FY04	8		
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Attachment 3

PUBLIC COMMENTS

- 9/25/00 public workshop
 - 115 participants
- 126 written comments
 - 101 individuals
 - 15 public interest groups
 - 10 industry groups/utilities

SCHEDULE FOR GENERIC ACTIVITIES

- 12/4/00 Commission briefing on public comments on draft GALL, SRP, and RG/NEI 95-10
- 12/12/00 CRGR information briefing
- 3/23/01 ACRS subcommittee meeting
- 4/5/01 ACRS full committee meeting
- 4/30/01 GALL, SRP, and RG/NEI 95-10 to Commission for approval
- 8/30/01 Staff recommendation to Commission on rulemaking

ANO-1 RENEWAL STATUS- Schedule

Milestones Completed

•	Received LRA	2/01/00	Complete
•	Acceptance review complete, LRA docketed	3/01/00	Complete
•	All Environmental RAIs provided to Entergy	6/26/00	Complete
•	All Safety Review RAIs provided to Entergy	6/29/00	Complete
•	Entergy responses to Environmental RAIs	8/18/00	Complete
•	Entergy response to Safety Review RAIs	9/12/00	Complete
•	Draft EIS issued	12/5/00	Complete

Next Milestones

٠	Scoping Inspection	12/11/00	Working
٠	Draft SER with Open Items	01/10/01	Working

ANO-1 RENEWAL STATUS - Accomplishments

•	Received LRA	2/01/00
•	Acceptance review complete, LRA docketed	2/28/00
٠	No filing for hearing or petition for intervention	3/31/00
•	EQ meeting	5/23/00
•	Scoping Audit	5/25/00
•	All Environmental RAIs provided to Entergy	6/05/00
•	All Safety Review RAIs provided to Entergy	6/12/00
•	All Environmental responses received from Entergy	7/31/00
•	All Safety RAI responses received from Entergy	9/12/00
•	Draft EIS for ANO-1 Issued	9/00

ANO-1 RENEWAL STATUS - Other Activities

- Draft SER with open items is under development
 - Fire Protection Scoping
 - One-time inspection of stagnant area in steam and power conversion system
- Completed second environmental review public meeting (11/14/00)
- Communication between staff and applicant relating to open items are ongoing

ANO-1 License Renewal

Entergy and NRC Management Meeting

November 29, 2000



Environmental Report (ER) Review Status

Milestöne	Tårget Dat	e Actual, Dat	e Status
Notice of Environmental Scoping Meeting	03/06/00	03/10/00	Complete
Environmental Public Scoping Meeting	04/04/00	04/04/00	Complete
EIS Scoping Period Ends	05/09/00	05/09/00	Complete
NRC Complete Environmental RAIs	06/23/00	06/05/00	Complete
Entergy Responds to Environmental RAIs	08/18/00	08/08/00	Complete
NRC Issue Draft EIS for Comment	12/05/00	10/03/00	Complete
Public Meeting to Discuss Draft EIS	01/15/01	11/14/00	Complete
End of Draft EIS Comment Period	02/26/01*		
NRC Issue Final EIS	07/03/01		

* Scheduled Date is now 01/04/01 based on Federal Register Notice



Safety Evaluation Report (SER) Review Status

Milestone)	Tärget, Date	Actual Dat	ë Status
Receive License Renewal Application	02/01/00	02/01/00	Complete
Notice Application Tendered	02/15/00	02/11/00	Complete
Publish Acceptance / Hearing Opportunity	03/03/00	03/03/00	Complete
Deadline for Hearing Requests & Intervention	04/03/00	04/03/00	Complete
NRC Complete Technical RAIs	06/29/00	06/21/00	Complete
Entergy Responds to Technical RAIs	09/12/00	09/12/00	Complete
NRC Issue SER & Identify Open Items	01/10/01		
Entergy Responds to SER Open Items	05/10/01	······································	
NRC Issue Supplemental SER	09/07/01		
NRC Issue SER as NUREG	10/22/01		



NRC Region IV Inspection/Review Status

Milestohe Milestohe	Tärget Date Actual Date see Stati	USYMU
Complete Scoping Inspection	12/01/00*	
Complete Aging Mgmt. Review Inspection	02/09/01**	
Complete Optional Final Inspection	08/10/01	
Regional Administrator's Recommendation	09/25/01	
* Currently scheduled for the wook of 12/11/00		

* Currently scheduled for the week of 12/11/00

** Currently scheduled for the period of 1/22/01 through 2/2/01



ACRS Review Status

Milestone Milestone	Target Date Actual Date Man Status
ACRS Subcommittee Meeting (SER w/open)	01/26/01
ACRS Full Committee Meeting (SER w/open)	02/10/01
ACRS Subcommittee Meeting (SSER)	09/23/01
ACRS Full Committee Meeting (SSER)	10/07/01
ACRS Letter	10/15/01

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NRC Project Manager Visits

- NRR Project Manager (Bob Prato) visits since last management meeting
 - October 19th on RAI response clarifications
 - November 13th & 14th on RAI response clarifications
- Environmental Project Manager (Tom Kenyon) visit since last management meeting

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- November 14th on draft SEIS public meeting



Current Significant Areas of Discussion

- Fire Protection 10CFR50.48 fire protection component scoping issue
- Chemistry one-time inspection to confirm adequacy of chemistry program GALL issue
- Personnel/Emergency Hatch Closure Mechanism
 and Hinges GALL issue



Summary

- All ANO-1 license renewal activities are currently on or ahead of schedule
- Communications continue to be frequent and effective (especially site visits by PM)
- Significant activities currently underway include support for Region IV scoping inspection and for the NRC's preparation of the SER
- No significant problems identified with the review process at this time



RAI Category Review Status

RAI Categories Utilized for ANO-1 Review

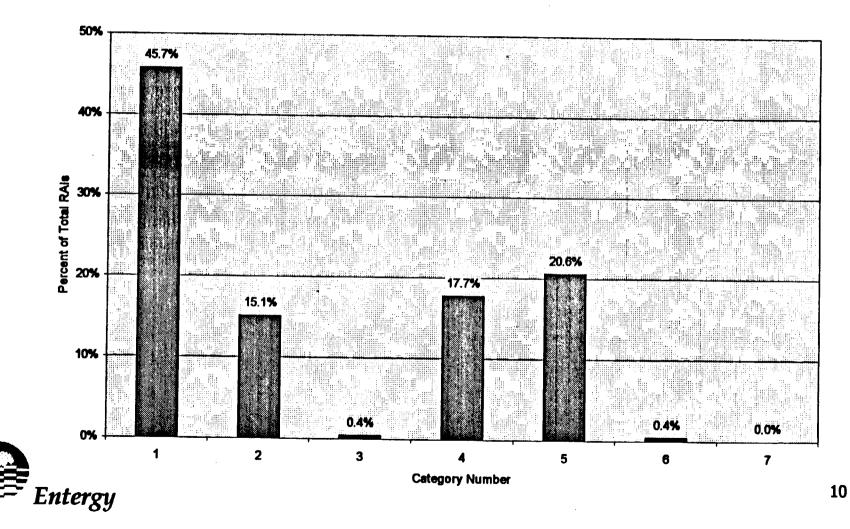
- 1. Appropriate RAI
- 2. Administrative Error in the LRA
- 3. Technical Error in the LRA
- 4. Information Provided in the LRA
- 5. Information Should Not be in the LRA
- 6. Challenges the Adequacy of the CLB
- 7. Technical Error in the RAI



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RAI Category Review Status

ANO-1 RAI Category Results



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HATCH LICENSE RENEWAL STATUS - SCHEDULE

Milestones Completed (Last 6 Months)

Environmental Scoping Meeting	5/10/00 Complete
Environmental RAIs to Southern Co.	6/23/00 Complete
Safety Review RAIs to Southern Co.	7/28/00 Complete
Southern Co. Responds to Environmental RAIs	8/31/00 Complete
Complete Scoping Inspection	9/15/00 Complete
Southern Co. Responds to Safety RAIs	10/10/00 Complete
Draft Environmental Impact Statement Issued	11/03/00 Complete

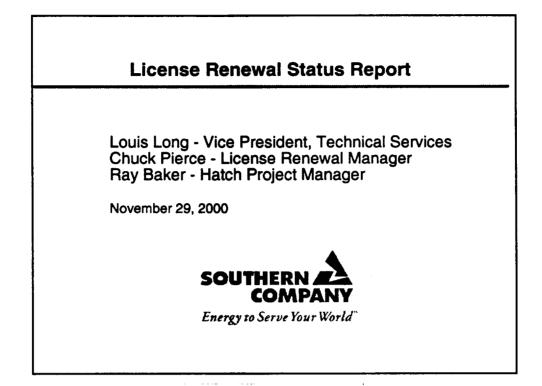
HATCH LICENSE RENEWAL STATUS - SCHEDULE

Next Milestones (Next 6 months)

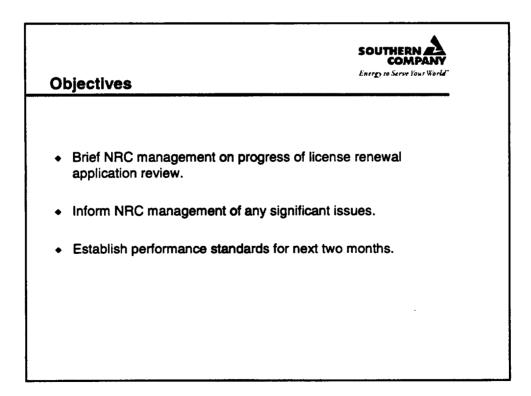
SER with Open Items	02/08/01 Working
Public Meeting to discuss DEIS	12/12/00
ACRS Subcommittee Meeting	03/22/01
ACRS Full Committee	04/05/01

HATCH LICENSE RENEWAL STATUS - ACCOMPLISHMENTS

Environmental Scoping Meeting	5/10/00
Scoping and Screening Audit	6/15/00
All Environmental RAIs to Southern Co.	6/23/00
Safety Review RAIs to Southern Co.	7/28/00
Southern Co. Responds to Environmental RAIs	8/31/00
Scoping Inspection	9/15/00
Exit for Scoping and Screening Audit and Scoping Inspection	10/05/00
Southern Co. Responds to Safety RAIs	10/10/00
Draft Environmental Impact Statement Issued	11/03/00

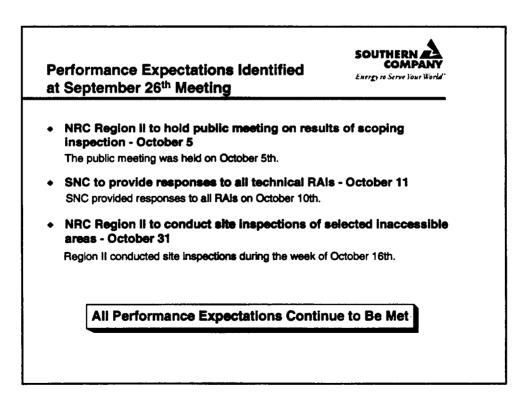


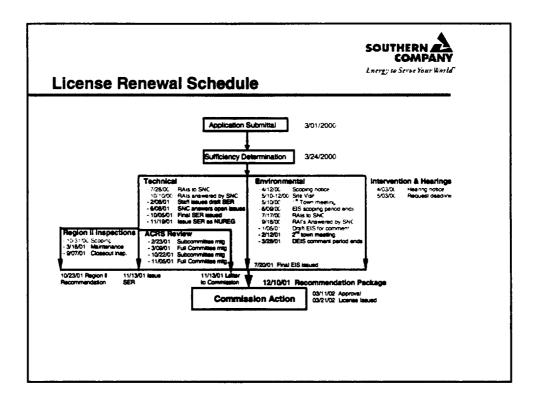
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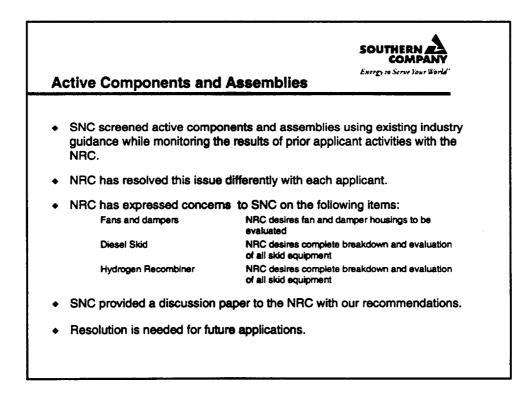
Lnergy to Serve Your World November 2000 Report Schedule Adherence Major Accomplishments - Region II held scoping and screening public - Environmental - on schedule meeting (10/5) - Technical - on schedule - SNC responded to all technical RAIs and Communications included "Appendix B" grouping (10/10) - Region II performed some site inspections - Frequent and productive during refueling outage (week of 10/16) - NRC issued supplement 4 to GEIS (10/25) Consistency - Region II issued scoping and screening - RAI categorization to address inspection report (11/1) consistency w/staff. - NRC announced Dec 12th town meeting for - Issue for discussion is active comments on SEIS (11/7) components and assemblies. Other Notable Issues Concerns

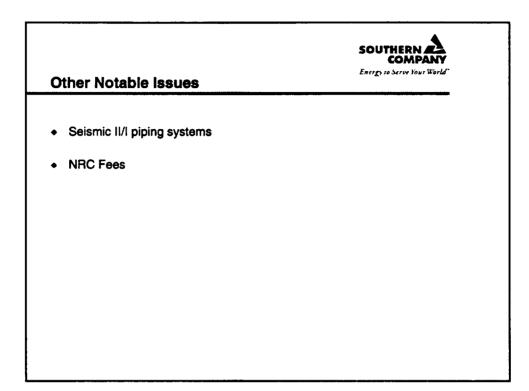
- None for committee action. Some issues to note.
- SNC plans to submit its annual update by December 15th.



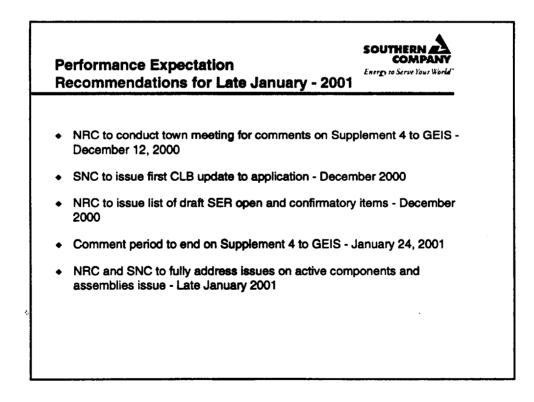


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TURKEY POINT UNITS 3 AND 4 RENEWAL STATUS - Schedule

Milestones Completed

•	Received License Renewal Application	09/11/00	Complete
•	Notice Application Tendered	09/26/00	Complete
•	Publish Acceptance Review and Docket Application/Notice of Opportunity for Hearing	10/12/00	Complete
•	Notice of Intent of Notice of Environmental Scoping Meeting	10/24/00	Complete
•	Deadline for Filing Hearing Requests and Petitions for Intervention	11/13/00*	Complete
	Next Milestones		
•	Environmental Scoping Meeting	12/06/00	

*By order dated November 6, 2000, the Secretary extended this date to November 27, 2000.

TURKEY POINT UNITS 3 AND 4 RENEWAL STATUS - Accomplishments

•	Received License Renewal Application	09/11/00
•	Acceptance review complete, LRA docketed	10/12/00
•	Meeting with FPL to provide overview of LRA	10/12/00
•	Deadline for filing for hearing or petition for intervention	11/27/00
•	EQ meeting to review sample calculations	10/31/00
•	Scoping and Screening Methodology Audit	11/16/00

TURKEY POINT UNITS 3 AND 4 RENEWAL STATUS - Other Activities

• Draft SER with open items and preparation of RAI's is under development

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- Weekly communication between staff and applicant relating to items of interest are ongoing
- Two requests for a hearing and intervention from individual stakeholders have been filed



TURKEY POINT PLANT FPL AND NRC MANAGEMENT MEETING

November 29, 2000



COMPLETED ACTIVITIES

- September 11, 2000 FPL submitted the Turkey Point License Renewal Application (LRA), and NRC documented receipt
- October 4, 2000 NRC determined LRA acceptable and sufficient for docketing, and provided 30-month review schedule



COMPLETED ACTIVITIES

- October 12, 2000 NRC/FPL meeting
 - Overview of the Turkey Point LRA
- October 31, 2000 NRC/FPL meeting
 - Review of samples of Turkey Point environmental qualification calculations
- November 13-16, 2000 NRC site audit
 - Scoping and screening methodology used in developing the Turkey Point LRA



UPCOMING ACTIVITIES

- December 6, 2000 NRC public scoping meetings on the Environmental Report (ER) in Homestead, Florida
- December 7, 2000 NRC ER site scoping visit at Turkey Point
- December 22, 2000 Environmental scoping period ends



UPCOMING ACTIVITIES

- January 31, 2000 Staff complete environmental RAIs
- February 5, 2000 Staff complete technical RAIs



<u>SUMMARY</u>

- All license renewal activities are on schedule
- Frequent communications between FPL and NRC are occurring
- No significant problems identified