



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

May 13, 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 April 18, 2001, 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 (WG) 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. The agenda for the meeting is provided as Attachment 1. Attendees at the meeting are listed in Attachment 2. The NRC staff's presentation materials are contained in Attachment 3. Following is a summary of the discussions at the meeting:

NRC LRSC - NEI Working Group

1. 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). Reviews of the applications are on or ahead of schedule.

2. License renewal interest

Slide 7 of Attachment 3 shows the latest information provided to the NRC regarding licensee plans for submitting license renewal applications. The projected submittal dates for the 2001 applications are May 29 for Surry and North Anna, June 13 for McGuire and Catawba, and July 2 for Peach Bottom. The NRC staff is currently revising its resource model and milestone schedule based on experience gained from past application reviews. The improved model will reflect the current process being used for reviewing renewal applications and will allow adjustment of interim milestones to help level workload resulting from the receipt of the 2001

applications within approximately one month of each other. However, there will be no change in the current 585 day overall schedule for completing the technical review of an application.

The staff will use the new resource model to develop the review schedules for the renewal applications to be submitted in 2001. In response to a request from the industry participants, the staff will meet with the 2001 applicants to discuss development of integrated schedules for the applications.

The staff is also trying to improve the accuracy and currency of the information on future submittals that it uses in its planning and budgeting process. A number of licensees have responded as requested to the Regulatory Information Summary 2000-20, "Importance of Industry Providing NRC Advance Notice of Intent to Pursue License Renewal," providing written notice of their intent to submit renewal applications. However, information on planned submittals includes notifications that were provided verbally to the staff. During the last NRC budget process, changes to the assumptions had to be made because verbal notices for two applications were found to be no longer valid. The staff's preference is that future applicants notify the NRC in writing of their planned submittals. To improve the accuracy of the planned submittal information, the staff will now contact each listed applicant quarterly to verify that the information is still current.

3. New lessons learned from application reviews

For recent renewal application reviews, the staff has held public meetings with the applicants to discuss requests for additional information (RAIs) before they were issued and again with the applicants to discuss the applicant's RAI responses before they were sent to the NRC. This coordination allowed the staff to clarify and focus its RAIs to ensure that the information needed to complete its safety review would be provided, for the applicant to identify where information may already have been provided, and for the applicant to verify that the information to be submitted responded to the need of the RAI. The WG indicated that this coordination has been beneficial and recommended that it be continued. The staff agrees and indicated that this process is already being included in the new resource model under development.

4. License renewal implementation guidance development

a. Status of improved renewal documents for Commission approval

The staff planned to submit the guidance documents for Commission approval by April 30, 2001, as shown on Slide 8 of Attachment 3. The documents were subsequently submitted on April 26, 2001. In response to a request from the WG, the staff indicated that it will request early release of the documents so that the documents will be available if the 2002 renewal applicants want to use the latest version for preparing their applications. The staff and the industry agree that the documents should be living documents with periodic updates to incorporate ongoing lessons learned. The staff expects the first update to be issued to incorporate the experience gained from the demonstration project and ongoing application reviews.

b. Demonstration project and continuing dialogue

The industry is conducting a demonstration project which will test how the Generic Aging Lessons Learned Report and Standard Review Plan for the Review of License Renewal Applications for Nuclear Power Plants can be used to prepare and review renewal applications (see Slide 8 of Attachment 3). The licensees planning on submitting applications in 2002 will use the guidance to prepare selected portions of the application. Before submitting the results to the NRC for review, the WG requested a meeting with the staff to discuss the information. This meeting was subsequently held on May 1, 2001. Submittal of the results of the project by the WG would follow in late May. The staff's plan and schedule for performing the review will be developed after the submittal is received from the WG and the staff can assess the nature of the material to be reviewed.

Full agreement on the resolution of the five topics listed on Slide 9 of Attachment 3 was not achieved between the staff and industry during the development of the guidance documents. However, as documented in the April 16, 2001, letter from Douglas J. Walters, NEI, to Christopher I. Grimes, NRC, NEI supports Commission approval of the current version of the guidance documents with continuing dialogue with the staff on these and other issues that will further enhance the guidance documents and the license renewal process. Any resulting improvements will be incorporated into a future update of the documents.

5. License renewal rulemaking recommendation

The Commission directed the staff in its August 28, 1999, staff requirements memorandum for SECY 99-148, "Credit for Existing Programs for License Renewal," to make a recommendation after completing issuance of the guidance documents as to whether it would be appropriate to resolve generic technical issues by rulemaking. The staff's schedule for completing this activity is listed on Slide 10 to Attachment 3. The WG reiterated its position given at the February 13, 2001, meeting that no changes in the license renewal rule are needed at this time. The WG stated that the industry understands how to apply the current rule. Although some efficiencies might be gained, now is not the time to change the rule considering the resources needed by the staff and industry. The WG will send a letter with its position that there is no need for rulemaking at this time.

NRC Mangement -- License Renewal Applicants

Entergy Operations, Inc. -- ANO-1

The NRC staff and Entergy noted the accomplishments for the review of the ANO-1 renewal application. The review is going well and all scheduled milestones have been completed on or ahead of schedule. The staff's presentation materials are contained in Slides 1 and 2 of Attachment 3 and Entergy's in Attachment 4.

The staff noted that since the last management meeting (February 13, 2001), the staff issued the final Safety Evaluation Report (SER) on April 13, 2001, well ahead of schedule. This SER contains the staff-approved resolutions to the 6 open items issued in the January 10, 2001, SER.

In addition to the issuance of the SER, the staff met with the ACRS subcommittee on February 22, 2001, and the ACRS full-committee on March 1, 2001, as scheduled.

A revised schedule for completing the ANO-1 review was sent to Entergy by letter dated April 2, 2001. The revised schedule projects a Commission decision on issuing the renewed license in 17-months from the date of receipt of the application, an improvement of 8 months from the previous 25-month schedule without hearing. The remaining major milestones are presented in Attachment 3. On the basis of the revised schedule, a Commission decision is projected approximately June 29, 2001.

Entergy provided a similar summary. They were pleased with the progress being made on the review of the ANO-1 application and the level of communication between the NRC and their staff.

Southern Nuclear Operating Company, Inc. -- Hatch

The staff and SNC noted the accomplishments for the review of the Hatch renewal application. The staff and SNC have met or exceeded all scheduling milestones to date. The staff's presentation materials are contained in Slides 3 and 4 of Attachment 3 and SNC's in Attachment 5.

The staff noted that since the last management meeting on February 13, 2001, the following milestones have been completed: the staff completed its aging management review inspection and held a public exit meeting on March 16, and the staff and SNC met with the ACRS subcommittee and full committee on March 28 and April 5, respectively, to discuss the Hatch renewal application and SER with open items. The staff also met with the ACRS subcommittee and full committee on March 27 and April 5, respectively, to discuss the staff's review of Boiling Water Reactor Vessel Internals Project topical reports. In addition, an appeal meeting was held with SNC on March 29 to discuss several open items.

SNC noted that the environmental review is well ahead of schedule and that a meeting was held on March 22, 2001, at the Hatch site to discuss issues raised by U.S. Fish and Wildlife and National Marine Fisheries.

Upcoming activities and milestones include the completion of open item responses (June 8, 2001), issuance of the final supplemental environmental impact statement (July 20, 2001), and completion of the final license renewal inspection (September 7, 2001). The staff also noted that the NRC's response to SNC's request for a fee waiver is continuing.

Florida Power and Light Company -- Turkey Point

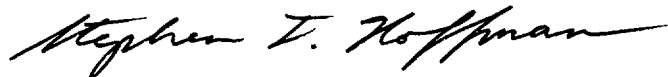
The NRC staff and FPL presented the status of the review of the Turkey Point license renewal application. The staff's presentation materials are contained in Slides 5 and 6 of Attachment 3 and FPL's in Attachment 6.

The review schedule for the application was discussed. It was noted that the next scheduled milestones for the safety review were FPL's submittal of responses to the RAIs by April 23, 2001 (completed April 19, 2001), and the staff's completion of the scoping inspection by June 22, 2001.

(scheduled for the week of May 21, 2001). An issue identified by FPL involves the staff's position related to the environmental qualification of motors (i.e., Joy motors, Westinghouse motors, etc.). Specifically, FPL is interpreting IEEE Standards 334-1974 and 323-1974 differently than the staff as applied to wear cycle aging effects on motors. The staff is working with FPL to resolve this issue. No other major technical issues have been identified.

In response to the Federal Register Notice offering an opportunity for hearing, two petitions for hearing were received. On January 18, 2001, pursuant to the Commission order CLI-00-23, the Atomic Safety and Licensing Board (the Board) held a pre-hearing conference in Homestead, Florida, to hear arguments on the standing of one petitioner and the admissibility of the contentions submitted by both petitioners. Subsequently, the Board ruled in an order dated February 26, 2001, that both parties have standing to intervene; however, neither petitioner identified admissible contentions. Therefore, the Board concluded that the intervention petitions were denied and the hearing proceedings terminated. On March 19, 2001, one of the petitioners appealed the Board's decision to the Commission. The Commission has not acted on this appeal as yet.

The next combined meeting involving the LRSC, WG, NRC staff, and the applicants will be scheduled in June 2001.



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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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AGENDA

NRC LICENSE RENEWAL MEETING WITH NEI AND THE LICENSE RENEWAL APPLICANTS APRIL 18, 2001

1. Status of applications
 - a. Arkansas Nuclear One, Unit 1
 - b. Hatch
 - c. Turkey Point
2. License renewal interest

Current known submittals and accuracy of future submittal plans
3. New lessons learned from application reviews

No new items for discussion
4. License renewal implementation guidance development
 - a. Status of improved renewal documents for Commission approval
 - b. Demonstration project and continuing dialogue
5. License renewal rulemaking recommendation
 - a. Recommendation due to the Commission in Aug. 2001
 - b. Obtain recommendations from:
 - NEI
 - ACRS
 - Public

NRC LICENSE RENEWAL MEETING
WITH NEI AND LICENSE RENEWAL APPLICANTS
ATTENDANCE LIST
April 18, 2001

<u>NAME</u>	<u>ORGANIZATION</u>
1. C. I. Grimes	NRC/NRR/DRIP/RLSB
2. Michael Mayfield	NRC/RES
3. Cynthia Carpenter	NRC/NRR/DRIP
4. Jon Johnson	NRC/NRR
5. Brian Sheron	NRC/NRR
6. Stephen Burns	NRC/OGC
7. Mike Tuckman	Duke
8. Robert Hovey	Florida Power & Light (FPL)
9. Randy Hutchinson	Entergy
10. Louis Long	Southern Nuclear
11. Doug Walters	NEI
12. E. A. Thompson	FPL
13. Garry Young	Entergy
14. Natalie Mosher	Entergy
15. Bill Corbin	Dominion
16. Leslie Hartz	Dominion
17. David Lewis	Shaw Pittman
18. Charles Wilbanks	Sciencetech
19. Alan Nelson	NEI
20. Bob Prato	NRC/NRR/DRIP/RLSB
21. Janice Moore	NRC/OGC
22. Jack Strosnider	NRC/NRR/DE
23. Anne Cottingham	Winston & Strawn
24. Raj Auluck	NRC/NRR/DRIP/RLSB
25. Spiros Traiforos	ISL-Sat Consultants, Inc.
26. John B. Cotton	Exelon Nuclear
27. Fred Polaski	Exelon Nuclear
28. Charles Pierce	Southern Nuclear
29. Ray Baker	Southern Nuclear
30. Roy Zimmerman	NRC/RES
31. Roger Huston	Licensing Support Service
32. Roger Newton	NMC
33. Greg Robison	Duke Energy
34. David Kunsemiller	AEP-D.C.Cook
35. Jit Vora	NRC/RES/DET/MEB
36. William Burton	NRC/NRR/DRIP/RLSB
37. Peter Kang	NRC/NRR/DRIP/RLSB
38. Jim Strnisha	NRC/NRR/DRIP/RLSB
39. Thomas Kenyon	NRC/NRR/DRIP/RGEB

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| 40. Andrew Kugler | NRC/NRR/DRIP/RGEB |
| 41. Sam Lee | NRC/NRR/DRIP/RLSB |
| 42. P. T. Kuo | NRC/NRR/DRIP/RLSB |
| 43. Steven Pope | Constellation Nuclear |
| 44. Joe Gasper | Omaha Public Power District |
| 45. John Rycyna | Constellation Nuclear |
| 46. Bill Borchardt | NRC/DNRR |
| 47. Ronald Clary | SCE&G |
| 48. Al Paglia | SCE&G |
| 49. Talmage Clements | CP & L Energy |
| 50. S. K. Mitra | NRC/NRR/DRIP/RLSB |
| 51. Steve Hoffman | NRC/NRR/DRIP/RLSB |
| 52. Caudle Julian ☎ | Region II |
| 53. Jim Lang | EPRI |

☎ By telephone

**ARKANSAS NUCLEAR ONE
LICENSE RENEWAL STATUS - SCHEDULE**

ACCOMPLISHMENTS - LAST 6 MONTHS

Scoping inspection	12/15/00
SER with open items issued	1/10/01
AMR inspection completed	2/9/01
ACRS subcommittee meeting	2/22/01
ACRS full-committee meeting (no interim letter needed)	3/1/01
Applicant complete response to open items	3/14/01
Issued revised 18-month schedule	4/2/01
Issued final SEIS	4/5/01
Issued SER	4/12/01

**ARKANSAS NUCLEAR ONE
LICENSE RENEWAL STATUS - SCHEDULE**

FUTURE ACTIVITIES

<u>Milestone</u>	<u>Initial Schedule</u>	<u>Current Schedule</u>
Regional administrator's letter	9/25/01	5/7/01
ACRS full committee meeting	10/7/01	5/10/01
ACRS letter	10/15/01	5/18/01
Commission paper w/staff recommendation	11/12/01	5/21/01
Commission meeting (w/o hearing)	1/31/02	6/14/01
Renewed license issued (if approved)	2/21/02	6/29/01

**HATCH - UNITS 1 & 2
LICENSE RENEWAL STATUS**

ACCOMPLISHMENTS - LAST 6 MONTHS

Draft SEIS issued	11/3/00
Public meeting to discuss draft SEIS	12/12/00
End of draft SEIS comment period.	1/24/01
SER with open items issued	2/7/01
Completed AMR Inspection	3/16/01
ACRS subcommittee meeting - BWRVIP reports	3/27/01
ACRS subcommittee meeting - Plant Hatch LRA and SER	3/28/01
Open item appeal meeting	3/29/01
ACRS full committee meeting	4/5/01

**HATCH - UNITS 1 & 2
LICENSE RENEWAL STATUS**

FUTURE ACTIVITIES

Applicant complete responses to SER open items	6/8/01
Staff issue final SEIS	7/20/01
Final inspection	9/7/01
Staff issue SER	10/5/01
Regional administrator's letter	10/23/01
ACRS subcommittee meeting	10/25/01
ACRS full committee meeting	11/8/01
Renewed license issued (if approved)	3/21/02

Fee waiver status

**TURKEY POINT - UNITS 3 AND 4
LICENSE RENEWAL STATUS**

ACCOMPLISHMENTS - LAST 6 MONTHS

Publish notice of acceptance & docketing of application & opportunity for hearing	10/12/00
Completed scoping audit	11/16/00
Environmental scoping meeting	12/6/00
Completed environmental RAIs	1/31/01
Prehearing conference on petitioners request for a hearing	1/18/01
Completed safety RAIs	2/2/01
ASLB decision on intervention, petitions, and contentions	2/26/01
Applicant response to environmental RAIs	3/30/01

**TURKEY POINT - UNITS 3 AND 4
LICENSE RENEWAL STATUS**

FUTURE ACTIVITIES

Applicant response to safety RAIs	4/23/01
Complete scoping inspection	6/22/01
Staff issue draft SEIS	7/17/01
Staff issue SER with open items	8/17/01
Public meeting to discuss draft SEIS	8/24/01
ACRS subcommittee meeting	9/25/01
ACRS full committee meeting	10/4/01
Staff issue final SEIS	1/29/02
Staff issue SER	4/15/02
Renewed license issued (if approved)	3/10/03

Projected Schedule of License Renewal Applications Through FY05

slot	Plant	Submit	FY 00				FY 01				FY 02				FY 03				FY 04				FY 05			
			1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
FY00																										
1	ANO 1	Feb-00																								
2	Hatch	Mar-00																								
3	Turkey Point	Sep-00																								
FY01																										
1	Catawba	Jun-01																								
2	McGuire	Jun-01																								
3	North Anna	Jun-01																								
4	Surry	Jun-01																								
5	Peach Bottom	Jul-01																								
FY02																										
1	Fort Calhoun	Jan-02																								
2	St Lucie	Jun-02																								
3	Point Beach	Jul-02																								
4	Unannounced	Jul-02																								
5	Summer	Aug-02																								
FY03																										
1	Robinson	Oct-02																								
2	Dresden 2,3	2Q																								
3	Quad Cities 1,2	2Q																								
4	Farley	Jun-03																								
5	Unannounced	Jun-03																								
6	ANO-2	Sep-03																								
FY04																										
1	Cooper	Oct-03																								
2	Unannounced	Oct-03																								
3	Browns Ferry 2,3	Dec-03																								
4	Unannounced	Jun-04																								
5	Beaver Valley 1,2	Sep-04																								
FY05																										
1	Unannounced	Oct-04																								
2	Brunswick	Dec-04																								
3	Davis-Besse	Dec-04																								
4	Pilgrim	Dec-04																								

LEGEND

Planned work

Assumptions

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

LICENSE RENEWAL IMPLEMENTATION GUIDANCE DEVELOPMENT

Issue SRP/GALL/RG/NEI 95-10

SECY due to the EDO 4/23/01

SECY due to the Commission 4/30/01

Demonstration Project

FY02 applicants to prepare sample renewal application sections following improved guidance documents for:

Reactor coolant system
Auxiliary systems
Structures

Engineered safety features
Steam and power conversion system

Staff to review application examples and on-site documentation

Prepare: Requests for additional information

Safety evaluation report

NEI TOPICS FOR CONTINUED DIALOGUE

- IPE/IPEEE as source document to consider for scoping
- Operating experience with cracking of small-bore piping
- Management of loss of pre-load of reactor vessel internals bolting using the loose parts monitoring system
- Operating experience with cracking in bolting
- Inspections of fire protection systems

RULEMAKING RECOMMENDATION

8/28/99 SRM on SECY-99-148

As more data is accumulated from license renewal applications of different designs, and experience is gained from reviewing more applications, the staff should prepare a detailed analysis and provide recommendations to the Commission on whether it would be appropriate to resolve generic technical issues, including any credit for existing programs, by rulemaking.

Schedule

NEI comments on need for rulemaking	5/01
Public meeting to discuss need for rulemaking	6/01
Meet with ACRS on need for rulemaking (proposed)	6-7/01
Staff recommendation to Commission on rulemaking	8/01

ANO-1 License Renewal

Entergy and NRC Management Meeting

April 18, 2001



ANO-1 License Renewal Status

Environmental Report (ER) Review Status

Milestone	Target Date	Actual Date	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*	01/04/01**	Complete
NRC Issue Final EIS	04/26/01***		

* Scheduled Date changed to 01/04/01 based on Federal Register Notice

** Entergy provided comments on the draft SEIS in letters dated 1/4/01 and 2/2/01

*** NRC Letter dated 4/2/01 changed this date from 7/3/01 to 4/26/01



Changes since last report



Entergy

ANO-1 License Renewal Status

Safety Evaluation Report (SER) Review Status

Milestone	Target Date	Actual Date	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	01/10/01	Complete
★ Entergy Responds to SER Open Items	05/10/01	03/14/01	Complete
★ NRC Issue Supplemental SER	04/13/01***	04/12/01	Complete
Commission Paper w/Staff Recommendation	05/21/01***		
Commission Meeting	06/14/01***		

*** NRC Letter dated 4/2/01 changed the 9/7/01 date to 4/13/01, the 11/12/01 date to 5/21/01, and the 1/31/02 dated to 6/14/01



Entergy



Changes since last report

ANO-1 License Renewal Status

NRC Region IV Inspection/Review Status

Milestone	Target Date	Actual Date	Status
Complete Scoping Inspection	12/01/00	12/15/00 *	Complete
Complete Aging Mgmt. Review Inspection	02/16/01	02/09/01**	Complete
Complete Optional Final Inspection	08/10/01		
Regional Administrator's Recommendation	05/07/01***		

* Public Exit held on 12/20/00 and Inspection Report issued on 2/2/01

** Public Exit held on 3/9/01 at ANO

*** NRC Letter dated 4/2/01 changed this date from 9/25/01 to 5/7/01

★ **Changes since last report**

ANO-1 License Renewal Status

ACRS Review Status

	Milestone	Target Date	Actual Date	Status
★	ACRS Subcommittee Meeting (SER w/open)	02/22/01	02/22/01	Complete
★	ACRS Full Committee Meeting (SER w/open)	03/01/01	03/01/01	Complete
★	ACRS Subcommittee Meeting (SSER)	09/27/01	N. A.**	Closed
	ACRS Full Committee Meeting (SSER)	05/10/01***		
	ACRS Letter	05/18/01***		

** This meeting was canceled due in part to the small number of open items

*** NRC Letter dated 4/2/01 changed the 10/7/01 date to 5/10/01 and the 10/15/01 date to 5/18/01

★ **Changes since last report**



Entergy

ANO-1 License Renewal Status

NRC Project Manager Visits and Meetings

- *NRR Project Manager (Bob Prato) visits to ANO since last management meeting*
 - *March 9th, follow-up on SER Open items, NRC Region IV issues, and supported the NRC Region IV public exit meeting*
- *NRR meetings since last management meeting*
 - *March 8th, Open Item resolution meeting on Fire Protection scoping*

ANO-1 License Renewal Status

Current Significant Areas for Discussion

- *Schedule - Entergy's request for a re-evaluation of the remaining schedule was addressed in a letter from the NRC dated April 2, 2001, a significant schedule improvement was provided*
- *Renewed License - attention is now focused on completing the tasks for issuance of the renewed license within the next 3 months*



Summary

- *All ANO-1 license renewal activities are currently well ahead of the 25-month schedule*
- *Communications continue to be frequent and effective*
- *Significant activities currently underway include issuance of the SEIS, Region IV Administrator's recommendation letter, final ACRS meeting, NRC Commissioners' meeting, and issuance of the renewed license*



License Renewal Status Report

Louis Long - Vice President, Technical Services
Chuck Pierce - License Renewal Manager
Ray Baker - Hatch Project Manager

April 18, 2001



Objectives

- ◆ Brief NRC management on progress of Hatch's license renewal application review.
- ◆ Inform NRC management of any significant issues.
- ◆ Establish performance standards for next two months.

February 2001 Report

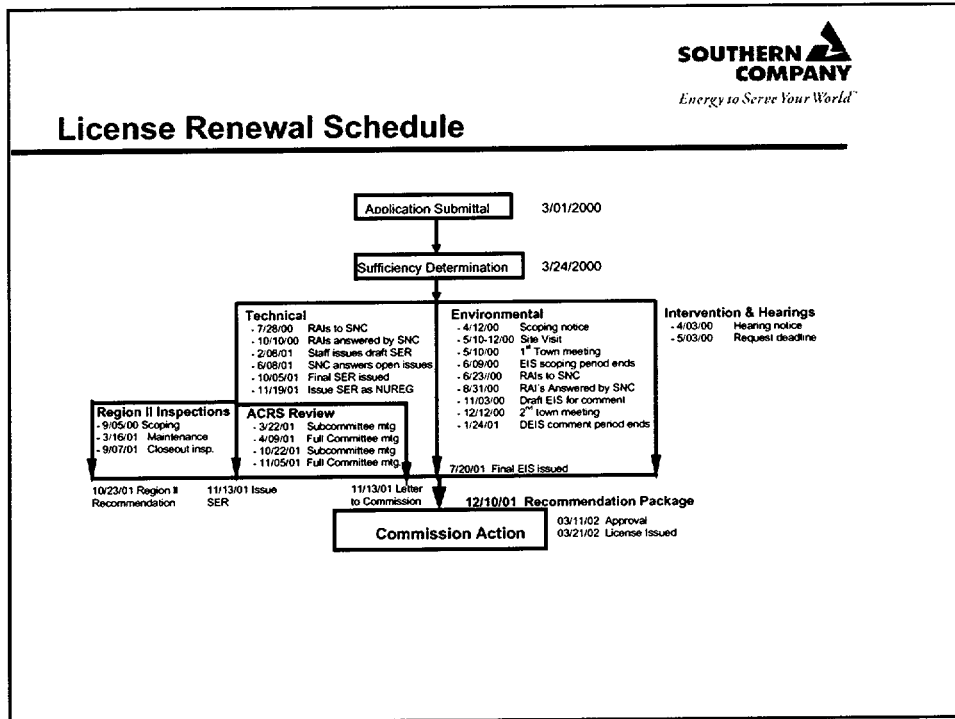
- ◆ **Schedule Adherence**
 - Environmental - ~ 8 weeks ahead of schedule
 - Technical - on schedule
- ◆ **Communications**
 - Open and candid
- ◆ **Consistency**
 - No issues
- ◆ **Concerns**
 - Status of fee waiver request.
- ◆ **Major Accomplishments**
 - NRC Region conducts AMP inspections (02/26 - 3/16)
 - NRC conducts public meeting on results of AMP inspections (03/16)
 - Meeting at Hatch site with public exit to address issues raised by U. S. Fish and Wildlife and National Marine Fisheries (03/22)
 - ACRS Subcommittee meeting on BWRVIP reports and Hatch program (03/27 - 03/28)
 - Public meeting between NRC Staff and SNC appealing four open items (03/29)
 - ACRS Full Committee meeting on BWRVIP reports and Hatch program (04/05)
- ◆ **Other Notable Issues**
 - None

Performance Expectations Identified at February 13th Meeting

- ◆ **SNC & NRC to develop schedule for interactions on draft SER open items - February 28**
 - Schedule developed.
- ◆ **NRC to finish aging management programs inspection - March 16**
 - Inspections were completed by March 16th.
- ◆ **ACRS subcommittee and full committee meetings to be held on draft SER - March 22 and April 9, respectively**
 - New schedules were issued for meetings on March 28th and April 5th respectively.
- ◆ **SNC to initially respond to all draft SER open items - April 16**
 - SNC addressed most items either by e-mail or in meetings by April 16. Discussions have occurred in a few areas to determine the nature of the NRC specific request which has delayed a complete initial response by two to three weeks. *See open items slide.*
- ◆ **NRC to address or provide schedule for addressing draft SEIS comments and National Marine Fisheries issue - Next meeting**
 - March 22nd site meeting provided the NRC the framework for addressing the issues.

Expectations Continue to Be Reasonably Met

License Renewal Schedule



Current Status of Open Items (as of April 16th)

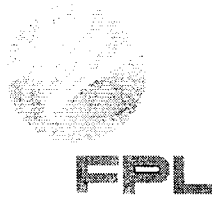
- ◆ 3 informally closed (Based on SNC & NRC verbal discussions)
 - Diesel fuel tank inspections
 - RPV integrated surveillance program (SNC to apply BWRVIP-78)
 - Containment airlock hinges and latches; torus corrosion program
- ◆ 5 in confirmatory status (Agreement on resolution but not yet closed)
 - Fans, dampers and other items (SNC to provide response based on appeal meeting clarification)
 - Active assemblies scoping (SNC to provide evaluation)
 - Radwaste fire suppression (SNC is adding to scope)
 - Use of EPRI Rev 2 chemistry guidelines (SNC provided clarifications)
 - FSAR supplement (NRC found SNC's draft format and level of detail acceptable)
- ◆ 10 open (NRC and/or SNC have not yet fully agreed on resolution)
 - Seismic IIII (SNC to provide additional information based on appeal meeting)
 - RHR heat exchanger program level of detail (SNC to provide requested information)
 - Use of CUF factor for pipe breaks (NRC to consider SNC's appeal discussion)
 - Small bore piping systems AMP (SNC responded to open item; NRC requested AMP)
 - Sprinkler head inspections and flow test (NRC has closed flow test; sprinkler head issues open)
 - Use of SGTS as an AMP (NRC considering SGTS' capabilities)
 - Stress corrosion cracking of high strength bolts (SNC to provide initial response)
 - Inspection of PSW piping w/guard pipe and other information (SNC to provide clarifications)
 - Environmentally assisted fatigue (SNC to provide Susquehanna comparison)
 - Use of BWRVIP for fatigue calculations and CASS (NRC to provide clarification)

Status of Appeal Items from March 29th Meeting

- ◆ Seismic II/I
 - SNC to provide CLB clarifications on spray, jet impingement, and missile shielding with other information on seismic II/I piping to allow NRC to disposition issue.
- ◆ Use of CUF > 0.1 for pipe break criteria
 - NRC is considering whether pipe break criteria is a TLAA and how it should be dispositioned.
- ◆ Fans, dampers and related equipment
 - SNC agreed to address fans and damper housings and other equipment issues relative to their support of major system function.
- ◆ Use of SGTS as an aging management program
 - NRC is considering whether SGTS provides sufficient information to be considered an AMP.

Performance Expectation Recommendations for June - 2001

- ◆ SNC to provide NRC with draft SER comments - April 30, 2001
- ◆ SNC and NRC to complete interactions to resolve open items at working levels - Next meeting (Any open items at next meeting needed to proceed through appeal process)
- ◆ SNC to complete activities to support NRC Region II closeout inspection - Next meeting



LICENSE RENEWAL

TURKEY POINT PLANT

FPL AND NRC MANAGEMENT MEETING

April 18, 2001



LICENSE RENEWAL

COMPLETED ACTIVITIES

- February 8, 16, & 26, 2001 - FPL issued responses to 24 technical RAIs
- March 20 - NRC/FPL meetings to review FPL draft technical RAI responses
- March 22 & 30, 2001 - FPL issued responses to 65 technical RAIs
- March 30, 2001 - FPL issued response to all environmental RAIs



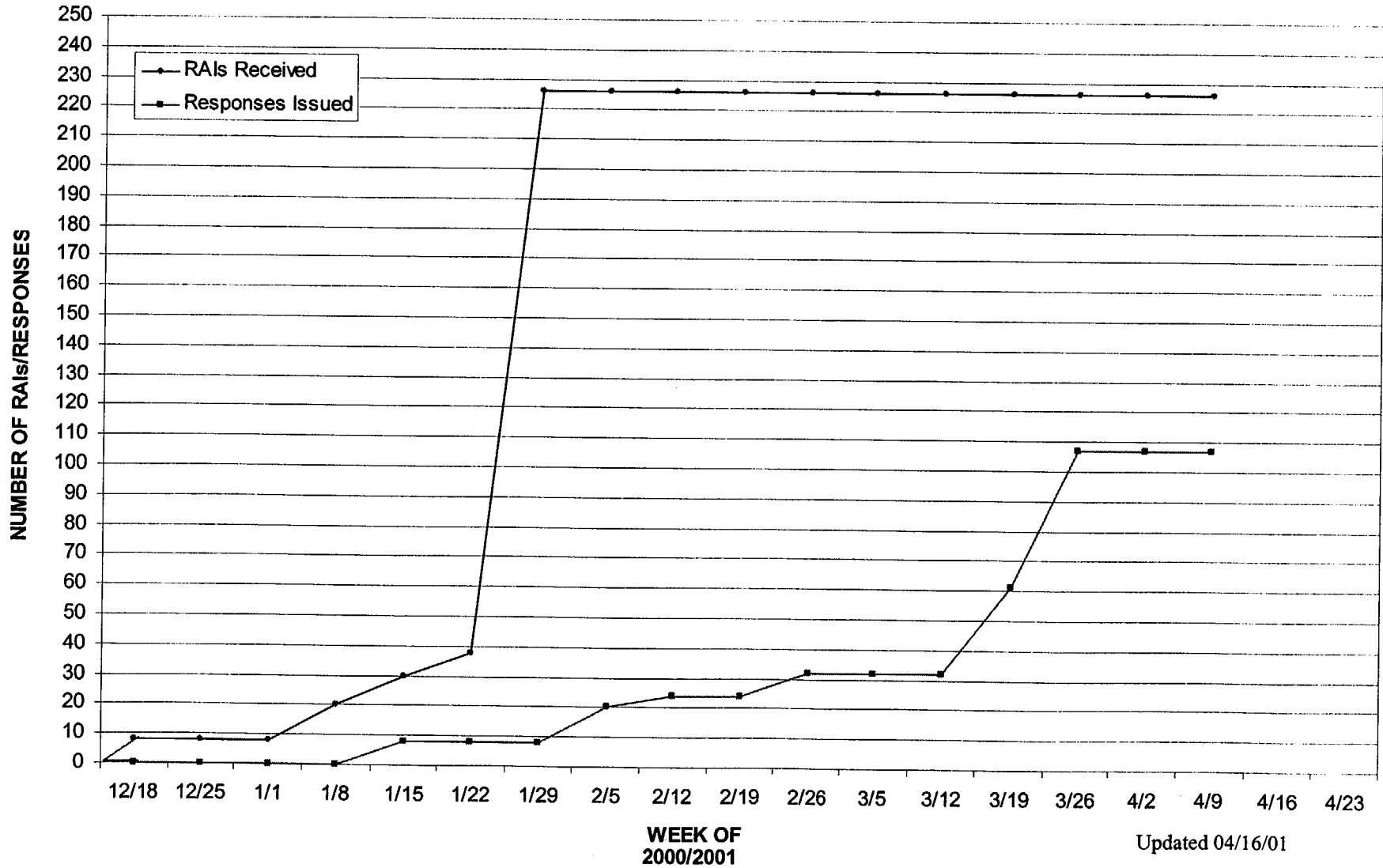
LICENSE RENEWAL

COMPLETED ACTIVITIES

- April 11 & 12, 2001 - NRC/FPL meetings to review FPL draft technical RAI responses



RAI TURNAROUND





LICENSE RENEWAL

UPCOMING ACTIVITIES

- April 23, 2001 - FPL completes responses to technical RAIs
- June 22, 2001 - Staff completes scoping inspection
- July 17, 2001 - Staff issues draft supplemental EIS
- August 18, 2001 - Staff issues SER and Open Items
- August 24, 2001 - Public meeting for draft SEIS
- September 21, 2001 - Staff completes AMR inspection



LICENSE RENEWAL

SUMMARY

- All license renewal activities are on or ahead of schedule
- Frequent communications between FPL and NRC are occurring
- Communications with NRC on draft RAI responses have been very effective and should minimize open items in SER
 - Few areas needing emphasis for resolution