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Do not include proprietary materials.*

DATE OF MEETING

9/19/01

The attached document(s), which was/were handed out in this meeting, is/are to be placed in the public domain as soon as possible. The minutes of the meeting will be issued in the near future. Following are administrative details regarding this meeting:

Docket Number(s)

50-250, 50-251, 50-321, 50-366,
50-280, 50-281, 50-338, 50-339, 50-369
50-370, 50-413, 50-414, Project 690

Plant/Facility Name

Turkey Point, Hatch, Surry, N. Anna,
McGuire, Catawba, Peach Bottom, NEI Lic. Renewal

TAC Number(s) (if available)

Reference Meeting Notice

8/31/01

Purpose of Meeting
(copy from meeting notice)

The meeting will begin with discussions between the NRC's License Renewal Steering Committee and NEI's License Renewal Working Group on the status of the renewal applications and generic license renewal activities. At the conclusion of this discussion, the meeting will continue with discussions between NRC management and SNC, FPL, VEPCO, Duke, and Exelon concerning the review status and other activities associated with the HNP, Turkey Point, Surry, North Anna, McGuire, Catawba, and Peach Bottom license renewal applications.

NAME OF PERSON WHO ISSUED MEETING NOTICE

Stephen T. Hoffman

TITLE

Sr. Proj. Mgr.

OFFICE

NRR

DIVISION

DRIP

BRANCH

RLSB

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Docket File/Central File

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AGENDA
NRC LICENSE RENEWAL MEETINGS
WITH NEI AND THE LICENSE RENEWAL APPLICANTS
SEPTEMBER 19, 2001
(1:00 - 4:00 pm approx.)

I. Meeting between the NRC License Renewal Steering Committee and NEI License Renewal Working Group

1:00 - 1:30 pm

A. Status of applications

- (1) Hatch 1 & 2
- (2) Turkey Point 3 & 4
- (3) Surry 1 & 2 and North Anna 1 & 2
- (4) McGuire 1 & 2 and Catawba 1 & 2
- (5) Peach Bottom 2 & 3

Southern Nuclear
Florida Power & Light
Virginia Elec. & Power
Duke Energy
Exelon

1:30 - 2:15 pm

B. License renewal interest - known submittals

NRC/All

C. Lessons learned from application reviews

- (1) License renewal appeals process
- (2) Environmental scoping meeting open house session

NEI
NRC/All

D. License renewal implementation guidance development
Status of the demonstration project

NRC/All

E. Summary

All

F. Public participation

All attendees

Break

2:15 - 2:30 pm

II. Meetings between NRC Management and License Renewal Applicants

2:30 - 4:00 pm

- A. Southern Nuclear Operating Company, Inc. -- Hatch 1 & 2
- B. Florida Power and Light Company -- Turkey Point 3 & 4
- C. Virginia Electric and Power Company -- Surry 1 & 2 and North Anna 1 & 2
- D. Duke Energy Company -- McGuire 1 & 2 and Catawba 1 & 2
- E. Exelon Generation Company -- Peach Bottom 2 & 3

Projected Schedule of License Renewal Applications Through FY05

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

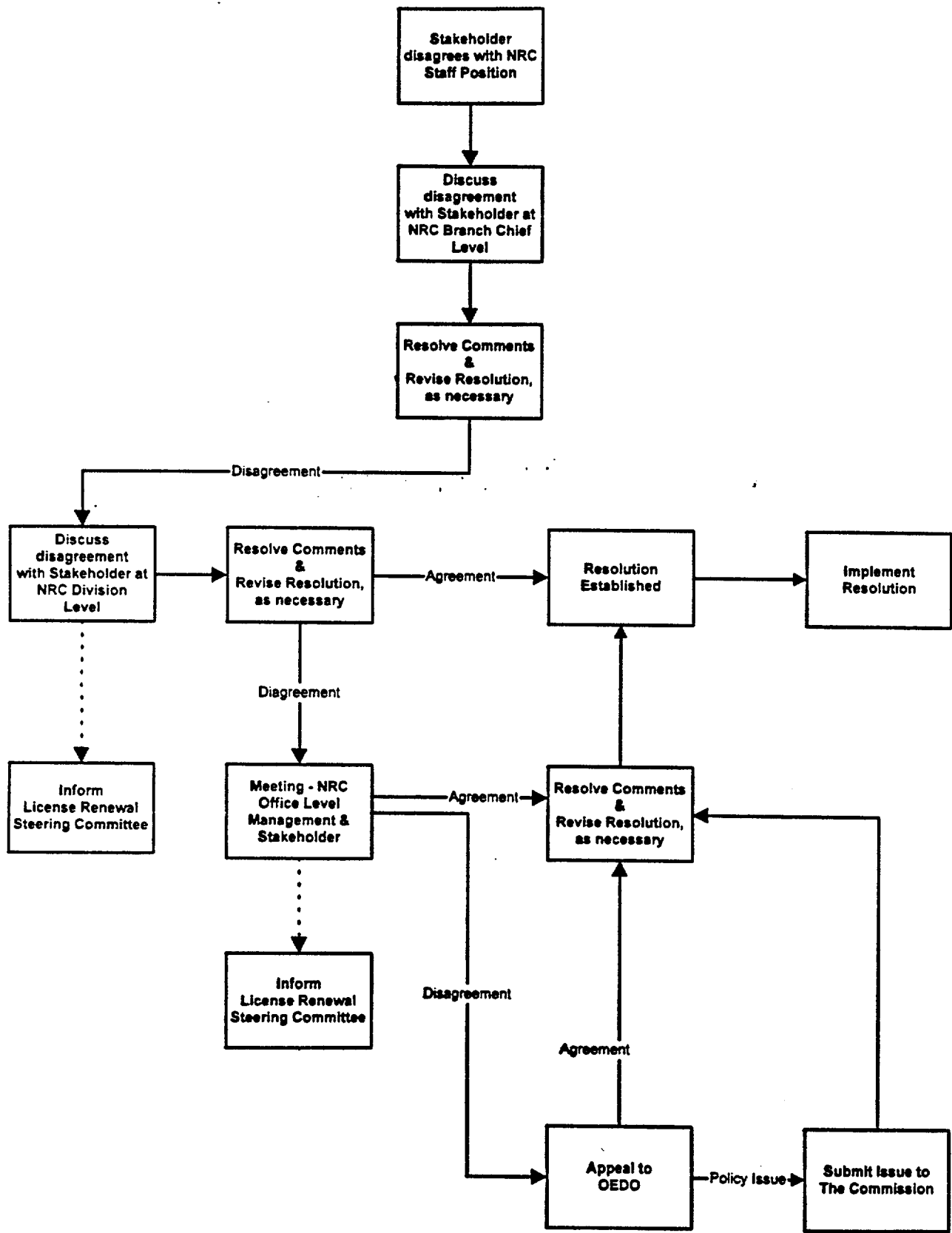
LEGEND

Changes

Assumptions

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

LICENSE RENEWAL APPEALS PROCESS



LICENSE RENEWAL DEMONSTRATION PROJECT

Schedule

<u>Milestone</u>	<u>T-Date</u>	<u>C-Date</u>
Receive demo samples (SRP)	5/18/01	5/18/01
Receive demo samples (6-C)	5/25/01	5/23/01
Draft SER and RAI from the Staff and Contractors (SRP)	6/13/01	6/13/01
Draft SER and RAI from the Staff and Contractors (6-C)	6/20/01	6/20/01
RAI to NEI	6/27/01	6/27/01
RAI response from NEI	7/13/01	7/11/01
Public meeting with NEI to discuss RAI response	7/23/01	7/25/01
SER from DE and contractors	7/27/01	7/13/01
Inspection verification items to NEI	8/3/01	8/2/01
SER to NEI	8/29/01	8/29/01
Public meeting with NEI to discuss SER & insp. verification	9/5/01	9/5/01
Lessons learned report from staff and contractors	9/19/01	
Staff meeting to discuss demo lessons learned	9/28/01	
Lessons learned report from staff and NEI	10/5/01	
Public meeting to discuss demo lessons	10/11/01	

Status: On schedule

Summary: The staff, contractors and NEI are preparing Demonstration Project lessons learned reports and recommendation for guidance enhancement. The reports and the potential improvements in the document will be discussed in the public meeting on October 11, 2001.

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

ACCOMPLISHMENTS - LAST 4 MONTHS

Issued final supplemental environmental impact statement (SEIS)	5/31/01
Applicant responded to open items	6/5/01
Second open item appeal meeting held	6/6/01
Completed final inspection	8/29/01

FUTURE ACTIVITIES

Issue safety evaluation report (SER)	10/5/01
Regional Administrator's letter	10/23/01
Advisory Committee on Reactor Safeguards (ACRS) subcommittee meeting	10/25/01
ACRS full committee meeting	11/8/01
<u>Issue renewed license (if approved)</u>	<u>3/21/02</u>

Fee waiver status

TURKEY POINT - UNITS 3 AND 4 LICENSE RENEWAL STATUS

ACCOMPLISHMENTS - LAST 4 MONTHS

Completed scoping inspection	5/25/01
Issued draft SEIS	6/12/01
Public meeting held to discuss draft SEIS	7/17/01
Commission decision on petitioner's appeal of Atomic Safety and Licensing Board Panel's ruling on admissibility of contentions	7/19/01
Issued SER with open items	8/17/01
Completed aging management review inspection	8/20-24/01 9/10-14/01

TURKEY POINT - UNITS 3 AND 4 LICENSE RENEWAL STATUS

FUTURE ACTIVITIES

ACRS subcommittee meeting	9/25/01
ACRS full committee meeting	10/4/01
Receive responses to SER open items	12/17/01
Issue final SEIS	1/29/02
Complete final inspection	3/15/02
Issue SER	4/15/02
Issue renewed license (if approved)	3/10/03

**NORTH ANNA AND SURRY
LICENSE RENEWAL STATUS**

ACCOMPLISHMENTS - LAST 4 MONTHS

Received application	5/29/01
Application made accessible	6/15/01
Published receipt and accessibility <i>Federal Register</i> notice (FRN)	6/28/01
Published acceptance and opportunity for hearing FRN	7/27/01
Issued first set of requests for additional information (RAIs)	8/8/01
Deadline for hearing request and petition for intervention	8/27/01

NORTH ANNA AND SURRY LICENSE RENEWAL STATUS

FUTURE ACTIVITIES

Complete scoping methodology audit	9/14/01
Environmental scoping meeting (Surry)	9/19/01
Environmental scoping meeting (North Anna)	10/18/01
Issue environmental RAIs (Surry)	11/9/01
Issue safety RAIs (North Anna and Surry)	11/26/01
Issue environmental RAIs (North Anna)	12/7/01
Receive environmental RAI responses (Surry)	12/21/01
Receive environmental RAI responses (North Anna)	1/21/02
Receive safety RAI responses (North Anna and Surry)	2/8/02

**MCGUIRE - UNITS 1 AND 2
CATAWBA - UNITS 1 AND 2
LICENSE RENEWAL STATUS**

ACCOMPLISHMENTS - LAST 3 MONTHS

Received application	6/14/01
Overview meeting with Duke	7/12/01
Published receipt and accessibility FRN	7/16/01
Published acceptance & opportunity for hearing FRN	8/15/01
Published intent & environmental scoping meeting FRN (McGuire)	8/23/01
Deadline for filing hearing requests, petitions for intervention.	9/14/01

**MCGUIRE - UNITS 1 AND 2
CATAWBA - UNITS 1 AND 2
LICENSE RENEWAL STATUS**

FUTURE ACTIVITIES

Publish intent & environmental scoping meeting FRN (Catawba)	9/21/01
Environmental scoping meeting (McGuire)	9/25/01
Complete scoping methodology audit	10/18/01
SEIS scoping period ends for McGuire	10/21/01
Environmental scoping meeting (Catawba)	10/23/01
SEIS scoping period ends (Catawba)	11/22/01
Issue environmental RAIs (McGuire)	11/23/01
Issue environmental RAIs (Catawba)	12/14/01
Issue safety RAIs	1/30/02
Complete scoping inspection	3/29/02

**PEACH BOTTOM - UNITS 2 AND 3
LICENSE RENEWAL STATUS**

ACCOMPLISHMENTS - LAST 3 MONTHS

Received application	7/2/01
Published receipt and accessibility FRN	7/25/01
Met with Exelon for overview of application	8/13/01
Published acceptance and opportunity for hearing FRN	8/31/01

**PEACH BOTTOM - UNITS 2 AND 3
LICENSE RENEWAL STATUS**

FUTURE ACTIVITIES

Issue notice of intent to prepare a SEIS	9/24/01
Staff visit Exelon offices to discuss issues/concerns	9/24/01
Deadline for filing hearing requests and petitions for intervention	10/1/01
Environmental scoping meeting	11/7/01
SEIS scoping period ends	11/26/01
Complete scoping methodology audit	12/14/01
Issue environmental RAIs	12/28/01
Receive environmental RAI responses	2/26/02
Issue safety RAIs	3/12/02
Receive safety RAI responses	5/27/02

License Renewal Status Report

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

September 19, 2001



Objectives

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

September 2001 Report

◆ **Schedule Adherence**

- Environmental - SEIS issued
- Technical - on schedule

◆ **Communications**

- Open and candid

◆ **Consistency**

- No issues

◆ **Concerns**

- Status of fee waiver request.

◆ **Major Accomplishments**

- Resolved all open issues (7/23)
- NRC Region II closeout inspection conducted (7/28)
- SNC issued letter to NRC to formally document understandings (9/5)

◆ **Other Notable Issues**

- Comments on appeal process

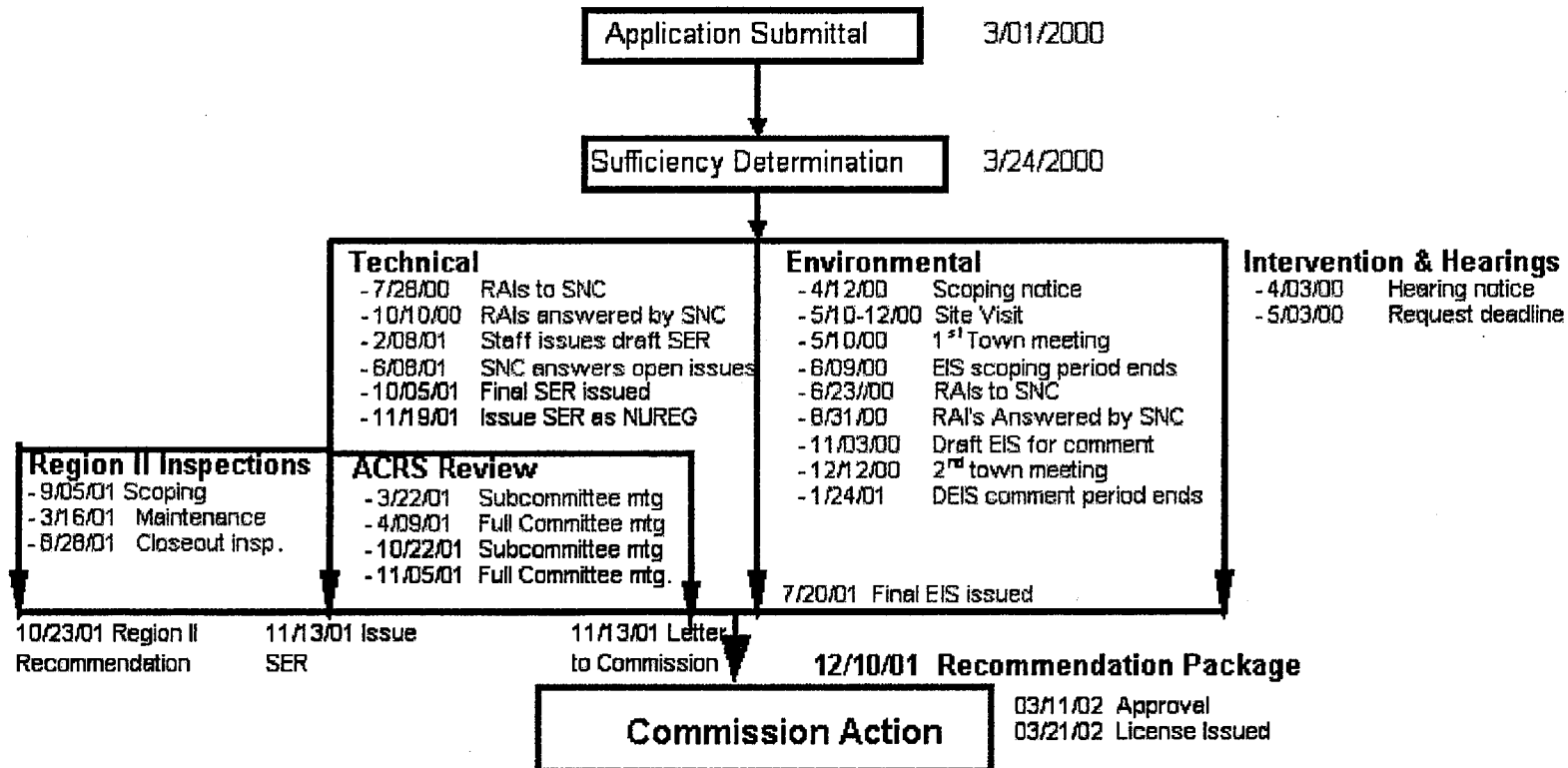
Performance Expectations Identified at June 21 Meeting

- ◆ SNC to formally respond to close all remaining open items - July 6
 - Details of the resolution of certain open items were not finalized between the NRC and SNC until August. As a result, the final formal response to all remaining open items was transmitted to the NRC on September 5, 2001.

- ◆ NRC to issue revised schedule - After all open items are resolved
 - Revised schedule will be issued sometime after the ACRS activities.

Some Expectation Delays; Milestones Continue to be Met

License Renewal Schedule



Performance Expectation Recommendations for November - 2001

- ◆ NRC to issue final SER - October 2001
- ◆ NRC Region II to issue closeout inspection report and license renewal recommendations - October 2001
- ◆ ACRS to hold final meeting(s) and issue recommendation letter - November 2001
- ◆ NRC & SNC to develop draft renewed licenses - November 2001
- ◆ NRC to issue revised schedule - November 2001



LICENSE RENEWAL

TURKEY POINT PLANT

FPL AND NRC MANAGEMENT MEETING

September 19, 2001



LICENSE RENEWAL

COMPLETED ACTIVITIES

- July 17, 2001 - NRC conducted public meetings on draft SEIS
- July 19, 2001 - Commission upheld ASLB decision
- August 17, 2001 - NRC issued SER with Open/Confirmatory Items
 - 4 Open Items
 - 2 Confirmatory Items



LICENSE RENEWAL

COMPLETED ACTIVITIES

- Weeks of August 20 & September 10, 2001 - NRC conducted AMR inspection
 - No significant issues identified
 - Material condition of the plant very good
 - Documentation is detailed and good quality
 - Programs support reasonable assurance finding
- September 6, 2001 - End of draft SEIS comment period



LICENSE RENEWAL

UPCOMING ACTIVITIES

- September 25, 2001 - ACRS subcommittee meeting
- October 4, 2001 - ACRS full committee meeting
- December 17, 2001 - FPL comments on SER and responses to Open/Confirmatory Items due to NRC



LICENSE RENEWAL

OPEN ITEMS

- Item 2.1.2-1 - Scoping of seismic II/I piping systems
- Item 3.9.12-1 - Update of the Reactor Vessel Head Alloy 600 Penetration Inspection Program
- Item 4.3-1 - Underclad cracking of Reactor Vessel
 - WOG responses to RAIs on WOG topical report under NRC review
- Item 3.8.4-1 - Acceptance criteria for Field Erected Tanks Internal Inspection



LICENSE RENEWAL

CONFIRMATORY ITEMS

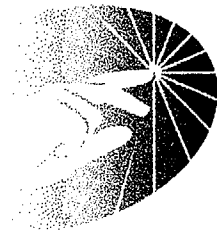
- Item 3.0-1 - Update UFSAR Supplement with additional commitments
- Item 4.4.2-1 - Update EQ documentation packages for Westinghouse and Joy motors



LICENSE RENEWAL

SUMMARY

- All license renewal activities are on or ahead of schedule
 - FPL requests issuance of a revised schedule
 - Target of March 2002 appears achievable



DominionSM

License Renewal
Management Meeting
Surry Power Station
North Anna Power Station
September 19, 2001

Purpose of Meeting

- Update NRC staff management on progress of review of Dominion LRAs.
- Discuss projected schedule for activities associated with review of the LRAs.
- Provide a summary of RAIs by category to date.

Progress of LRA Review

- July
 - Environmental Logistics Visit completed week of 7/9/01.
 - Scoping meeting at Innsbrook completed on 7/12/01.
 - FRN published for LRA acceptance and notice of opportunity for hearing on 7/27/01.

Progress of LRA Review

- August
 - Communications on potential RAIs have been frequent and productive.
 - First set of formal SA RAIs (5 total) received on 8/17/01.
 - Potential SAMA RAIs received via e-mail and discussed via teleconference.
 - Deadline to file hearing requests completed with no requests filed.

Progress of LRA Review

- September
 - Scoping/Screening Methodology Audit - Complete
 - Surry Public Env. Scoping Meeting - In Progress
 - Surry Environmental Site Audit - In Progress
 - North Anna Plant Walk-through with Region II Inspectors during U1RO.
 - Submit Non-EQ Cable Monitoring Program.
 - Submit responses to first set of formal RAIs.

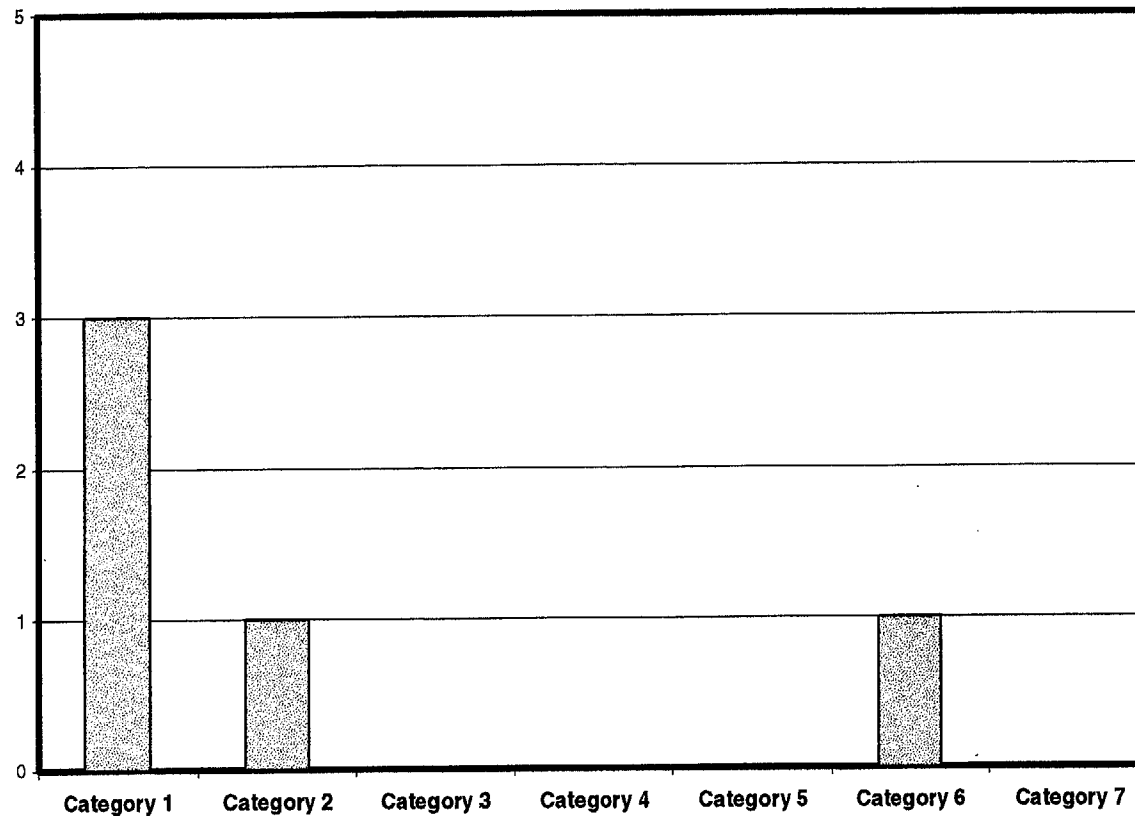
Progress of LRA Review

- **October**
 - Environmental RAIs issued to Applicant
 - NAPS Public Environmental Scoping Meeting
- **November**
 - Last Group of Safety RAIs issued to Applicant

RAIs Received

- **Electrical and I&C Scoping and Screening (2)**
 - Category 6 - Challenges the Adequacy of the CLB (1)
 - Category 1 - Appropriate RAI (1)
- **Buried Piping and Valve Activities (3)**
 - Category 2 - Administrative Error (1)
 - Category 1 - Appropriate RAI (2)

RAI Categorization



Category 1 - Appropriate RAI

Category 2 - Admin. Error in LRA

Category 3 - Technical Error in LRA

Category 4 - Info. Provided in LRA

Category 5 - Info. Should not be in LRA

Category 6 - Challenges the Adequacy of
the CLB

Category 7 - Technical Error in RAI

Closing Remarks

- Good start for Safety and Environmental Reviews.
- Safety Review schedule has been moved forward to accommodate review of Class of '01 applicants. All milestones to date have been met.
- Communications between the NRC staff and Dominion are excellent.



McGuire - Catawba License Renewal

Duke/NRC Management
Meeting
September 19, 2001

September 19, 2001 Duke Nuclear License Renewal Project

1



Topics

- Accomplishments / Milestones
- Safety Review
- Environmental Review
- Hearing Process

September 19, 2001 Duke Nuclear License Renewal Project

2



Accomplishments

- June 13, 2001 - Submitted McGuire - Catawba License Renewal Application
- July 12, 2001 - License renewal application overview meeting
- August 15, 2001 - Federal Register Notice
 - The application deemed acceptable & sufficient
 - The review schedule was issued
 - The opportunity to request a hearing was made available
- August 23, 2001 - Federal Register Notice of Intent to Prepare Environmental Impact Statement for McGuire Nuclear Station

September 19, 2001 Duke Nuclear License Renewal Project

3



Key Milestones

Key Application Processing Milestones

- November/December 2001 - McGuire and Catawba environmental RAI sets issued
- January 2002 - All safety RAIs issued
- May/June 2002 - Draft Supplemental Environmental Impact Statement issued for McGuire & Catawba, respectively
- August 2002 - Safety Evaluation Report with open items issued

September 19, 2001

Duke Nuclear License Renewal Project

4



Safety Review

- Good communications have allowed a smooth start to the application review

September 19, 2001

Duke Nuclear License Renewal Project

5



Upcoming Safety Review Activities

- October
 - Safety scoping & screening methodology audit during week of October 15, 2001

September 19, 2001

Duke Nuclear License Renewal Project

6



Environmental Review

- Communications with NRC project manager concerning site visit preparations have been effective
- Duke has met with several state and local agencies and environmental interest groups in preparation for the site visit

September 19, 2001

Duke Nuclear License Renewal Project

7



Upcoming Environmental Review Activities

- September
 - McGuire environmental site visit scheduled for September 24-26, 2001
 - McGuire environmental scoping meeting scheduled for September 25, 2001
- October
 - Catawba environmental site visit planned for October 22-24, 2001
 - Catawba environmental scoping meeting planned for October 23, 2001

September 19, 2001

Duke Nuclear License Renewal Project

8



Hearing Process

Duke is aware of two petitions to intervene

- Blue Ridge Environmental Defense League
- Nuclear Information and Resource Service

September 19, 2001

Duke Nuclear License Renewal Project

9

Peach Bottom Atomic Power Station

Exelon and NRC
Management Meeting
John Cotton
Fred Polaski
September 19, 2001

Peach Bottom LRA Review Schedule

<u>Milestone</u>	<u>Target Date</u>	<u>Actual Date</u>
Receive Peach Bottom LRA	07/02/01	07/02/01
FRN Published for LRA Receipt	08/01/01	07/25/01
FRN Published for Hearing Opportunity	08/31/01	08/31/01
Deadline for filing hearing requests	10/01/01	
Environmental Scoping Meeting	11/07/01	
NRC Issues Env. RAIs	12/28/01	
Exelon Responds to Env. RAIs	02/26/02	
NRC Issues Safety RAIs	03/12/02	
Exelon Responds to Safety RAIs	05/27/02	
NRC Issues SER	02/06/03	
NRC Issues Final SEIS to EPA	02/07/03	

Completed Activities

- July 2, 2001 – Exelon submitted the Peach Bottom Atomic Power Station License Renewal Application
- August 7, 2001 – NRC Env. PM Visited Peach Bottom
- August 14, 2001 – LRA Navigation Meeting
- August 23, 2001 – Exelon submitted Updated Financial Qualification Information
- August 31, 2001 – Docketing of LRA and Opportunity to request a Hearing published in Federal Register

3

Future Activities

- September 24-25, 2001 – NRC Visit to Exelon
- November 7, 2001 – NRC public scoping meetings on Environmental Report (ER)
- November 8-9, 2001 – NRC ER site scoping visit at Peach Bottom

4

Part 54 Project Performance

- Schedule Adherence
 - All dates met
- Communications
 - Good
- Interactions between NRC/National Lab reviewers and Exelon
 - Good

5

Part 51 Project Performance

- Schedule Adherence
 - All dates met
- Communications
 - Good
- Interactions between NRC/National Lab reviewers and Exelon
 - Good

6

Concerns

- No detailed schedule issued by NRC for the Peach Bottom LRA review.
 - Impact of slipping LRA review cannot be assessed at this time.

7

Summary

- Communications and interactions have been good. NRC Project Managers doing good job.
- Exelon concerned with lack of detailed schedule for Part 54.
- Exelon anticipates good working relations with NRC Project Managers and reviewers in the future.

8