

AGENDA
NRC LICENSE RENEWAL MEETINGS
WITH NEI AND THE LICENSE RENEWAL APPLICANTS
JANUARY 8, 2002
(1:00 - 4:00 pm approx.)

I. Meeting between the NRC License Renewal Steering Committee (LRSC) 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
- (6) St. Lucie 1 & 2

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

1:30 - 2:15 pm

B. License renewal interest - known submittals

NRC

C. License renewal implementation guidance development

NRC

- (1) Emerging issues
- (2) Lessons learned process - document updates

D. Lessons learned from application reviews

- (1) Environmental scoping meeting open house experience
- (2) License renewal appeals process
- (3) New lessons identified

NRC
NRC
NEI

E. Summary

LRSC

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. Florida Power and Light Company -- Turkey Point 3 & 4

B. Virginia Electric and Power Company -- Surry 1 & 2 and North Anna 1 & 2

C. Duke Energy Company -- McGuire 1 & 2 and Catawba 1 & 2

D. Exelon Generation Company -- Peach Bottom 2 & 3

Projected Schedule of License Renewal Applications Through FY05

			FY 01				FY 02				FY 03				FY 04				FY 05			
slot	Plant	Submit	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	St Lucie	Nov-01																				
2	Fort Calhoun	Jan-02																				
3	Robinson	Jun-02																				
4	Ginna	Jul-02																				
5	Summer	Aug-02																				
FY03																						
1	Dresden 2,3	2Q																				
2	Quad Cities 1,2	2Q																				
3	Unannounced	3Q																				
4	Farley	Sep-03																				
5	ANO-2	Sep-03																				
FY04																						
1	NineMilePoint 1,2	Oct-03																				
2	Cook 1,2	Nov-03																				
3	Browns Ferry 2,3	Dec-03																				
4	Brunswick	2Q																				
5	Unannounced	Jan-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 IMPLEMENTATION GUIDANCE DEVELOPMENT

- Emerging issues
 - Scoping of station blackout equipment
 - Scoping of seismic II over I piping
 - Aging management of non-environmental qualified cables
 - Aging management of fire protection piping
 - Aging management of concrete structures
- Guidance document updates

LESSONS LEARNED FROM APPLICATION REVIEWS

- Environmental scoping meeting open house experience
- License renewal appeal process

TURKEY POINT, UNITS 3 AND 4 LICENSE RENEWAL STATUS

RECENT ACCOMPLISHMENTS

Issued safety evaluation report (SER) with open items	8/17/01
Aging management review inspection	8/20-24/01 9/10-14/01
ACRS subcommittee meeting	9/25/01
ACRS full committee meeting	10/5/01
Applicant responded to SER open items	11/7/01

TURKEY POINT, UNITS 3 AND 4 LICENSE RENEWAL STATUS

FUTURE ACTIVITIES

Issue final supplemental environmental impact statement (SEIS)	1/29/02
Complete final inspection	1/15/02
Issue SER	2/28/02
Receive Regional Administrator's recommendation	3/8/02
ACRS subcommittee meeting	3/13/02
ACRS full committee meeting	4/12/02
Commission paper with staff recommendation	5/17/02
Issue renewed license (if approved)	7/17/02

**NORTH ANNA, UNITS 1 AND 2
SURRY, UNITS 1 AND 2
LICENSE RENEWAL STATUS**

RECENT ACCOMPLISHMENTS

Scoping and screening methodology audits complete	9/14/01
Environmental scoping meeting (Surry)	9/19/01
Environmental scoping meeting (North Anna)	10/18/01
Issued env. requests for additional information (RAIs) (North Anna & Surry)	10/17/01
Issued safety RAIs	11/26/01
Received environmental RAI responses (Surry and North Anna)	12/10/01

**NORTH ANNA, UNITS 1 AND 2
SURRY, UNITS 1 AND 2
LICENSE RENEWAL STATUS**

FUTURE MILESTONES

Receive safety RAI responses (North Anna and Surry)	2/8/02
Complete scoping inspections	2/15/02
Complete aging management review inspections	5/31/02
Issue SEIS (Surry)	4/26/02
Issue draft SEIS (North Anna)	5/17/02
Issue SER with open items	6/10/02

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

RECENT ACCOMPLISHMENTS

Completed scoping methodology audit	10/19/01
SEIS scoping period ended (McGuire)	10/21/01
Environmental scoping meeting (Catawba)	10/23/01
SEIS scoping period ended (Catawba)	11/22/01
Issued environmental RAIs (McGuire)	11/26/01
Issued environmental RAIs for Catawba	12/12/01
Pre-hearing conference in Charlotte	12/18-19/01

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

FUTURE ACTIVITIES

Receive environmental RAI responses (McGuire)	1/21/02
ALSB decision on standing and contentions	1/23/02
Issue safety RAIs	1/30/02
Receive environmental RAI responses (Catawba)	2/13/02
Complete scoping inspection	3/29/02
Receive safety RAI responses	4/15/02
Issue draft SEIS (McGuire)	5/17/02
Issue draft SEIS (Catawba)	6/7/02

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

RECENT ACCOMPLISHMENTS

Deadline for filing hearing requests and petitions for intervention	10/1/01
Environmental scoping meeting	11/7/01
Issued revised schedule for 25 month review	11/16/01
Completed scoping and screening methodology audit	12/7/01
Issued environmental RAIs	12/20/01

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

FUTURE ACTIVITIES

Receive environmental RAI responses	2/26/02
Issue safety RAIs	3/12/02
Receive safety RAI responses	5/27/02
Issue draft SEIS	7/5/02
Issue SER with open items	9/16/02



LICENSE RENEWAL

TURKEY POINT AND ST. LUCIE PLANTS

FPL AND NRC MANAGEMENT MEETING

January 8, 2002



LICENSE RENEWAL

COMPLETED ACTIVITIES - TURKEY POINT

- September 25, 2001 - ACRS subcommittee meeting
- October 4, 2001 - ACRS full committee meeting
- October 22, 2001 - Issued License Renewal Application annual update
- November 1, 2001 - Issued FPL comments on SER and responses to Open/Confirmatory Items
- November 7, 2001 - Issued response to new open item on concrete aging (NRC letter of October 30, 2001)



LICENSE RENEWAL

UPCOMING ACTIVITIES - TURKEY POINT

- January 29, 2002 - NRC issue final EIS
- February 28, 2002 - NRC issue SSER
- March 13, 2002 - ACRS subcommittee site visit and meeting
- April 11-12, 2002 - ACRS full committee meeting



LICENSE RENEWAL

SUMMARY - TURKEY POINT

- All open and confirmatory items resolved
- All license renewal activities are on or ahead of schedule
- NRC revised schedule indicates a Commission decision by July 17, 2002
 - Improvement appears feasible



LICENSE RENEWAL

COMPLETED ACTIVITIES - ST. LUCIE

- November 29, 2001 - FPL issued the St. Lucie License Renewal Application (LRA)
- December 20, 2001 - Additional CD copies of the LRA provided to NRC
- December 27, 2001 - NRC notice of receipt of the LRA published in the Federal Register



LICENSE RENEWAL

UPCOMING ACTIVITIES - ST. LUCIE

- January 17, 2002 - NRC/FPL meeting
 - Overview of the St. Lucie LRA
- January 2002 - NRC complete sufficiency review and provide review schedule



LICENSE RENEWAL

SUMMARY - ST. LUCIE

- Frequent communications between FPL and NRC are occurring



LICENSE RENEWAL

TURKEY POINT AND ST. LUCIE PLANTS

FPL AND NRC MANAGEMENT MEETING

January 8, 2002



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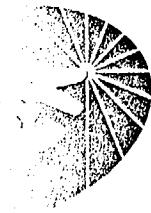
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LICENSE RENEWAL

SUMMARY - ST. LUCIE

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DominionSM

**License Renewal
Management Meeting**
Surry Power Station
North Anna Power Station
January 08, 2002

Topics

- Milestone Review Schedule
- Safety Review Status
- Environmental Review Status
- Closing Remarks

Dominion LRA Review Schedule

Milestone Review Schedule - Completed Activities

<u>Milestone</u>	<u>Target Date</u>	<u>Actual Date</u>
Receive SPS and NAPS LRAs	05/29/01	05/29/01
FRN Published for LRA Receipt	06/28/01	06/28/01
FRN Published for Hearing Opportunity	07/27/01	07/27/001
Deadline for filing hearing requests	08/27/01	08/27/01
Environmental scoping meeting (Surry)	09/19/01	09/19/01
Environmental scoping meeting (North Anna)	10/18/01	10/18/01
NRC Issues Env. RAIs (Surry)	11/09/01	11/09/01
NRC Issues Safety RAIs	11/26/01	11/26/01
NRC Issues Env. RAIs (North Anna)	12/07/01	12/07/01
Dominion Responds to Env. RAIs (Surry)	12/21/01	12/10/01
Dominion Responds to Env. RAIs (North Anna)	01/21/02	12/10/01

Dominion LRA Review Schedule

Milestone Review Schedule - Future Activities

<u>Milestone</u>	<u>Target Date</u>	<u>Actual Date</u>
Dominion Responds to Safety RAIs	02/08/02	
Scoping Inspections Complete	02/15/02	
Draft SEIS to EPA (Surry)	04/26/02	
Draft SEIS to EPA (North Anna)	05/17/02	
AMR Inspections Complete	05/31/02	
Public Meeting to Discuss DEIS (Surry)	06/06/02	
SER w/OI issued by NRC	06/10/02	
Public Meeting to Discuss DEIS (North Anna)	06/27/02	
End of DEIS Comment Period (Surry)	07/18/02	
ACRS Subcommittee review of SER OI	07/24/02	
End of DEIS Comment Period (North Anna)	08/08/02	

Dominion LRA Review Schedule

Milestone Review Schedule - Future Activities

<u>Milestone</u>	<u>Target Date</u>	<u>Actual Date</u>
Responses to SER OI Received	08/22/02	
ACRS full committee review of SER OI	09/04/02	
SER issued by RLSB	11/05/02	
Optional Final Inspection complete	11/29/02	
ACRS full committee review of SER	12/04/02	
Final SEIS issued to EPA (Surry)	12/13/02	
Final SEIS issued to EPA (North Anna)	12/13/02	
ACRS Letter	12/20/02	
Regional Administrator's Letter	01/20/03	
SER issued as NUREG	01/28/03	
Commission Paper w/Staff Recommendations	03/14/03	
Commission Decision	06/27/03	

Safety Review Completed Activities

- August 8, 2001 - First set of formal RAIs issued to Applicant (received 8/17/01) (5 RAIs)
- September 10 -14, 2001 - Scoping/Screening Methodology Audit
- September 19, 2001 - North Anna Plant Walk-through with Region II Inspectors during U1RO
- September 27, 2001 - Submitted responses to first set of formal RAIs (5 RAIs)

Safety Review

Completed Activities

- October 11, 2001 - Second set of formal RAIs issued to Applicant (received 11/19/01) (24 RAIs)
- October 12, 2001 - Letter revising LRA review schedule in accordance with a 25-month review plan issued to Applicant because no petitions to intervene or requests for hearings filed.
- October 22, 2001 - Third set of formal RAIs issued to Applicant (received 11/8/01) (16 RAIs)
- October 22, 2001 - Fourth set of formal RAIs issued to Applicant (received 11/8/01) (6 RAIs)

Safety Review Completed Activities

- November 14, 2001 - Fifth set of formal RAIs issued to Applicant (received 11/20/01) (2 RAIs)
- November 26, 2001 - Final set of RAIs issued to Applicant (received 12/5/01) (34 RAIs)
- November 30, 2001 - Submitted responses to second set of formal RAIs (24 RAIs)

Safety Review Future Activities

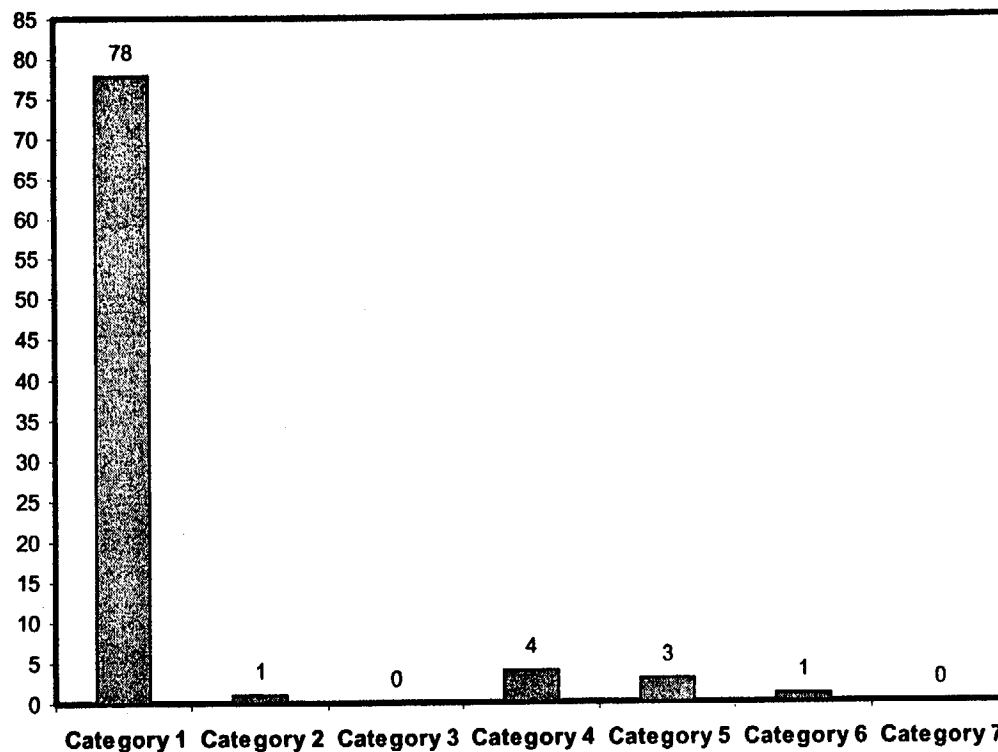
- January 15, 2002 - Submit responses to remaining formal RAIs (53 RAIs), except those related to Criterion 2 scoping and low voltage instrument cable (5 RAIs).
- February 8, 2002 - Submit responses to formal RAIs related to Criterion 2 scoping and low voltage instrument cable (5 RAIs).

Environmental Review

Completed Activities

- September 19, 2001 - Surry Public Env. Scoping Meeting
- September 19&20, 2001 - Surry Environmental Site Audit
- October 18, 2001 - NAPS Public Environmental Scoping Meeting
- October 17&18, 2001 - NAPS Environmental Site Audit
- October 17, 2001 - SAMA RAIs issued to Applicant (17 - 15 requiring response)
- December 10, 2001 - Responses to SAMA RAIs Issued to NRC

Safety Review 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

Safety Review Category 5 RAIs

- **Category 5 - Information Should Not be in the LRA**

OE Methodology (1) (RAI 3.1.1.2-1)

UFSAR Tables (1) (RAI 4.7.4-1)

Code Edition (1) (RAI B2.2.12-2)

Safety Review

Category 6 RAI

- **Category 6 - Challenges the Adequacy of the CLB**
SBO Scoping(1) (RAI 2.5-1)

Closing Remarks

- Communication dialog has been excellent and timely.
- Teleconference/review process has reduced the actual number of formal RAIs issued to 36% of the potential RAIs.
- The LRA review schedule is being maintained.

Closing Remarks

- Five Challenging Issues
 - SBO Scoping
 - Fire Protection Programs
 - Instrument Cables
 - Concrete Aging
 - Criterion 2 Scoping
- Upcoming Milestones
 - RAI Responses
 - Scoping Inspections



McGuire - Catawba License Renewal

**Duke/NRC Management
Meeting
January 8, 2002**



Accomplishments

- September 19, 2001 - NRC/Duke Management Meeting
- September 24 & 25, 2001 - McGuire Environmental Scoping Site Audit & Public Meetings
- October 16-18, 2001 - Safety Scoping & Screening Methodology Audit completed
- October 22 & 23, 2001 - Catawba Environmental Scoping Site Audit & Public Meetings
- December 18 & 19, 2001 - ASLB Prehearing Conference in Charlotte

January 8, 2002

Duke Nuclear License Renewal Project

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Safety Review

- Good communications continue to advance the application review
 - Topical telecons covering draft RAIs have been helpful in understanding perspectives and clarifying information requests
 - NRC staff questions indicate the thoroughness of their review
- Some staff positions (particularly some of those addressed in letters to NEI) appear to be new interpretations and will require more plant-specific and industry-wide dialogue
- All formal safety RAIs to be issued by the end of January

January 8, 2002

Duke Nuclear License Renewal Project

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Environmental Review

- Good communications with NRC project manager led to successful site visits and public meetings for both plants
- Environmental RAIs have been issued with responses due to support site-specific Supplemental Environmental Impact Statements
 - McGuire responses 1/21/02
 - Catawba responses 2/13/02
- Separate resolution timeframe agreed to for SAMA RAI responses, supporting both Duke and NRC resource needs

January 8, 2002

Duke Nuclear License Renewal Project

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Hearing Process

- The Atomic Safety and Licensing Board held a pre-hearing conference in Charlotte on December 18-19, 2001
- Both the Blue Ridge Environmental Defense League and the Nuclear Information and Resource Service along with Duke and the NRC staff participated in this conference
- The ASLB is expected to provide additional direction to these proceedings by the end of January

January 8, 2002

Duke Nuclear License Renewal Project

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Expectations

- Expectations to be accomplished by next NRC/Duke Management Meeting (March timeframe)
 - Duke to prepare responses to environmental, SAMA and safety RAIs, submit to NRC by agreed upon dates
 - NRC and Duke find a way to have constructive dialogue on the staff position papers that also supports the Duke RAI response schedule
 - Work with Region II to prepare for scoping/screening inspection in March

January 8, 2002

Duke Nuclear License Renewal Project

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Peach Bottom Atomic Power Station

**Exelon and NRC
Management Meeting**

James Meister

Fred Polaski

January 8, 2002

1

Purpose of Meeting

- **Update NRC management on progress of Peach Bottom LRA review.**
- **Inform NRC management of any significant issues.**
- **Provide performance expectations for next two months.**

2

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	10/01/01
Environmental Scoping Meeting	11/07/01	11/07/01
NRC Issues Env. RAIs	12/28/01	12/20/01
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	

3

Completed Activities

- September 5, 2001 – NRC Issued Sufficiency Letter and Established Deadline for Filing Petition to Intervene
- September 24-25, 2001 – NRC Visit to Discuss Scoping Methodology and Electrical Issues
- October 22, 2001 –NRC Meeting to Discuss Scoping Methodology
- October 30, 2001 – NRC RAIs on Scoping Methodology
- November 7, 2001 – NRC Environmental Scoping Meetings
- November 8-9, 2001 – NRC Environmental Site Audit

4

Completed Activities (continued)

- November 16, 2001 – Exelon Transmitted Responses to RAIs on Scoping Methodology
- November 15, 2001 – NRC Scoping Methodology Document Collection Visit
- November 16, 2001 – NRC Transmitted Revised 25-month Review Schedule
- November 26, 2001 – NRC Transmitted Letter Requesting Information Related to Keeney Transmission Line and Delaware Feeder Canal
- December 4-7, 2001 – NRC Scoping Methodology Audit
- December 20, 2001 – NRC Issued Environmental RAIs

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Future Activities

- February 26, 2002 – Exelon Provides Responses to Environmental RAIs
- March 12, 2002 – NRC Issues Safety RAIs

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Part 54 Project Performance

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

7

Part 51 Project Performance

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

8

Concerns

- Emerging industry issues are challenging the stability and predictability of the license renewal process, and may impact the Peach Bottom Application
- Perception that NRC technical staff believe that all GALL programs are required to manage aging effects

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Summary

- Communications and interactions have been good. NRC Project Managers doing good job.
- License Renewal standardization and predictability is being challenged.

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