



DominionSM

*North Anna and Surry Power Stations
License Renewal Status*

November 4, 2002

Enclosure 3

Introduction

- Timely resolution of issues has continued to improve the schedule
- Ongoing open communications with NRC safety and environmental project managers

Completed Activities Since Last Meeting

- Responses to SER Open Items received on 7/25/02.
- Draft Environmental Impact Statement (DEIS)
comment period for North Anna ended on 8/01/02.
- Optional Final Inspection Completed on 9/25/02.

Near-Term Future Activities

- 11/05/02: Issue Final SER for Surry & North Anna
- 12/05/02 : Conduct ACRS Full Committee Meeting
- 12/13/02 : Issue Final SEIS to EPA (Surry & North Anna)
- 12/13/02 : Issue ACRS Letter
- 01/20/03: Issue Regional Administrators Letter

03/28/03 : Decision by Director NRR



McGuire - Catawba License Renewal

**Duke/NRC Management Meeting
November 4, 2002**



Safety Review

- Previous management expectation - *Duke and NRC Staff to seek the most efficient means of communication to resolve any Safety Evaluation Report open items*
- Expectation met through active use of telephone calls, e-mails, letters and well-planned face-to-face meetings to resolve open issues
- Duke recognizes and appreciates the time and energy invested by the NRC Staff here
- Using these communication avenues has successfully advanced the safety review

November 4, 2002

Duke Nuclear License Renewal Project

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Enclosure 4



SER Development Stats

- January 2002 273 formal RAIs
- June 39 potential open & confirmatory items
- August 19 open items, 27 new & confirmatory items
60% increase in number of items
- September 1 additional new item, 47 total items
Meetings 9/17, 9/18, 10/1
75% reduction in number of items
- October 14 open items at time of ACRS meetings

November 4, 2002

Duke Nuclear License Renewal Project

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Safety Review

- Duke submittals of October 2, 2002 and October 28, 2002 addressed 46 of 47 issues by:
 - Providing additional technical information
 - Crediting existing aging management programs
 - Crediting new aging management programs and activities
- Final item
 - Additional NRC Staff letter received in October 19, 2002
 - Clarifying teleconference on October 31, 2002
 - Duke response due by November 6th
- An optional, third Region II inspection is scheduled for completion by November 29, 2002

November 4, 2002

Duke Nuclear License Renewal Project

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Safety Review

- November 6th response on final issue concludes Duke's scheduled submittals
- Discussion Points:
 - Steps to get to SER issuance in January?
 - Status of Duke request that the safety and environmental reviews specifically evaluate 60-years of operation?

November 4, 2002

Duke Nuclear License Renewal Project

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ACRS

- Previous management expectation - *Duke and NRC Staff to complete successful meetings with the Advisory Committee on Reactor Safeguards (ACRS)*
- Met with the license renewal subcommittee of ACRS chaired by Dr. Bonaca on October 8, 2002
- Duke agrees with ACRS that the NRC Staff's presentation was well organized and well orchestrated
- Technical presenters were well prepared, and issues were presented and discussed in a professional manner among the parties
- Both NRC Staff and Duke were represented by Dr. Bonaca at the full committee meeting on October 10, 2002

November 4, 2002

Duke Nuclear License Renewal Project

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Environmental Review

McGuire

- Draft McGuire Supplemental Environmental Impact Statement (SEIS) issued May 6, 2002
- Duke written comments provided August 2, 2002

Catawba

- Draft Catawba Supplemental Environmental Impact Statement (SEIS) issued May 13, 2002
- Duke written comments provided August 9, 2002

Overall

- Formal Duke input is complete
- Next Milestone is issuance of Supplemental Environmental Impact Statements for both McGuire and Catawba by January 17, 2003

November 4, 2002

Duke Nuclear License Renewal Project

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Hearing Process

- Work has been on-hold on the remaining contention related to Severe Accident Mitigation Alternatives
- In August, the Atomic Safety and Licensing Board asked for NRC Commission input and guidance prior to continuing.
- Next status call is scheduled for November 6th

November 4, 2002

Duke Nuclear License Renewal Project

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Expectations

- Expectations to be accomplished by next NRC/Duke Management Meeting (January timeframe)
 - *Successful completion of the Safety Evaluation Report by January 6, 2003*
 - *Successful completion of the Supplemental Environmental Impact Statements for both McGuire and Catawba by January 17, 2003*

November 4, 2002

Duke Nuclear License Renewal Project

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Peach Bottom Atomic Power Station

Exelon and NRC Management Meeting

Fred Polaski
November 4, 2002

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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
Draft SEIS to EPA	07/05/02	6/24/02
Public Meeting to Discuss DEIS	07/31/02	07/31/02
AMR Inspection Complete	08/09/02	08/15/02
SER with Open Issues	09/16/02	09/16/02
ACRS Subcommittee	10/30/02	10/30/02

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Enclosure 5

Future Activities

- November 29, 2002 – Provide Responses to SER Open and Confirmatory Items
- December 9 - 13, 2002 – Final Region I Inspection
- December 31, 2002 – Submit LRA Amendment
- February 6, 2003 – SER Issued
- February 7, 2003 – Final SEIS issued to EPA
- February 19, 2003 – Region I Administrator's Letter

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Part 54 Project Performance

- Schedule Adherence
 - All dates met
- Communications
 - Good
- Region 1 AMR inspection
 - Good inspection
 - Region found AMPs to be acceptable

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Part 54 Project Performance (cont'd)

- Interactions between NRC/National Lab reviewers and Exelon
 - Good
- ACRS meeting went well

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Part 51 Project Performance

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

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Concerns

- Two open and confirmatory items not closed
 - Exelon is working with the staff on these
 - Reactor vessel top guide cracking TLAA
 - Aging management of fuse clips/holders

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Summary

- Good progress over last 3 months.
- 14 of 15 open items resolved – one to go
- One confirmatory item still to close

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FPL

LICENSE RENEWAL

ST. LUCIE PLANT

FPL AND NRC MANAGEMENT MEETING

November 4, 2002

Enclosure 6



LICENSE RENEWAL

COMPLETED ACTIVITIES - ST. LUCIE

- July 1, 18, and 29, 2002 - NRC issued safety RAIs (155 total)
- July 19, August 5, 12, and 26, 2002 - FPL issued draft RAI responses
- August 15-16 and September 4-5, 2002 - FPL/NRC public meetings were conducted to review draft RAI responses



LICENSE RENEWAL

COMPLETED ACTIVITIES - ST. LUCIE

- September 26, October 3 and 10, 2002 - FPL issued final responses to safety RAIs
- October 21-25, 2002 - NRC Region II scoping and screening inspection was completed
 - No issues identified
- October 23, 2002 - Draft Supplemental Environmental Impact Statement (SEIS) issued
 - Over 1 month ahead of schedule



LICENSE RENEWAL

UPCOMING ACTIVITIES - ST. LUCIE

- November 6-7, 2002 - FPL/NRC public meetings to discuss potential issues
- December 3, 2002 - NRC conducts public meetings on draft SEIS
- January 15, 2003 - End of draft SEIS comment period
- Weeks of January 13 & 27, 2003 - NRC conducts AMR inspection
- February 7, 2003 - NRC issues SER with Open Items



LICENSE RENEWAL

SUMMARY - ST. LUCIE

- All license renewal activities are on or ahead of schedule
 - On October 10, 2002, the NRC issued a revised schedule for the LRA review reflecting an October 3, 2003 decision date (22 month schedule)
- Frequent communications between FPL and NRC are occurring



FPL

LICENSE RENEWAL

RAI FEEDBACK



FPL

LICENSE RENEWAL

LRA SECTION NUMBER	LRA SECTION TITLE	TURKEY POINT RAIs	DRAFT ST. LUCIE RAIs	ST. LUCIE RAIs ISSUED
2.1	Scoping and Screening Methodology	2	2	3
*2.2	Plant Level Scoping Results	0	3	2
*2.3	Scoping and Screening Results-Mechanical Systems	26	77	37
*2.4	Scoping and Screening Results-Structures	9	27	12
2.5	Scoping and Screening Results-Elec/I&C Systems	0	3	1
3.1	AMR Results-Reactor Coolant Systems	26	13	5
3.2	AMR Results-Engineered Safety Features Systems	8	1	1
3.3	AMR Results-Auxiliary Systems	16	82	31
3.4	AMR Results-Steam and Power Conversion Systems	8	7	4
3.5	AMR Results-Structures and Structural Components	22	14	12
3.6	AMR Results-Electrical and I&C	1	2	2
4	Time-Limited Aging Analyses	14	23	15
APPB	Aging Management Programs	84	47	30
TOTAL SAFETY RAIs		216	301	155
TOTAL ENVIRONMENTAL RAIs		10	11	9
TOTAL ALL RAIs		226	312	164

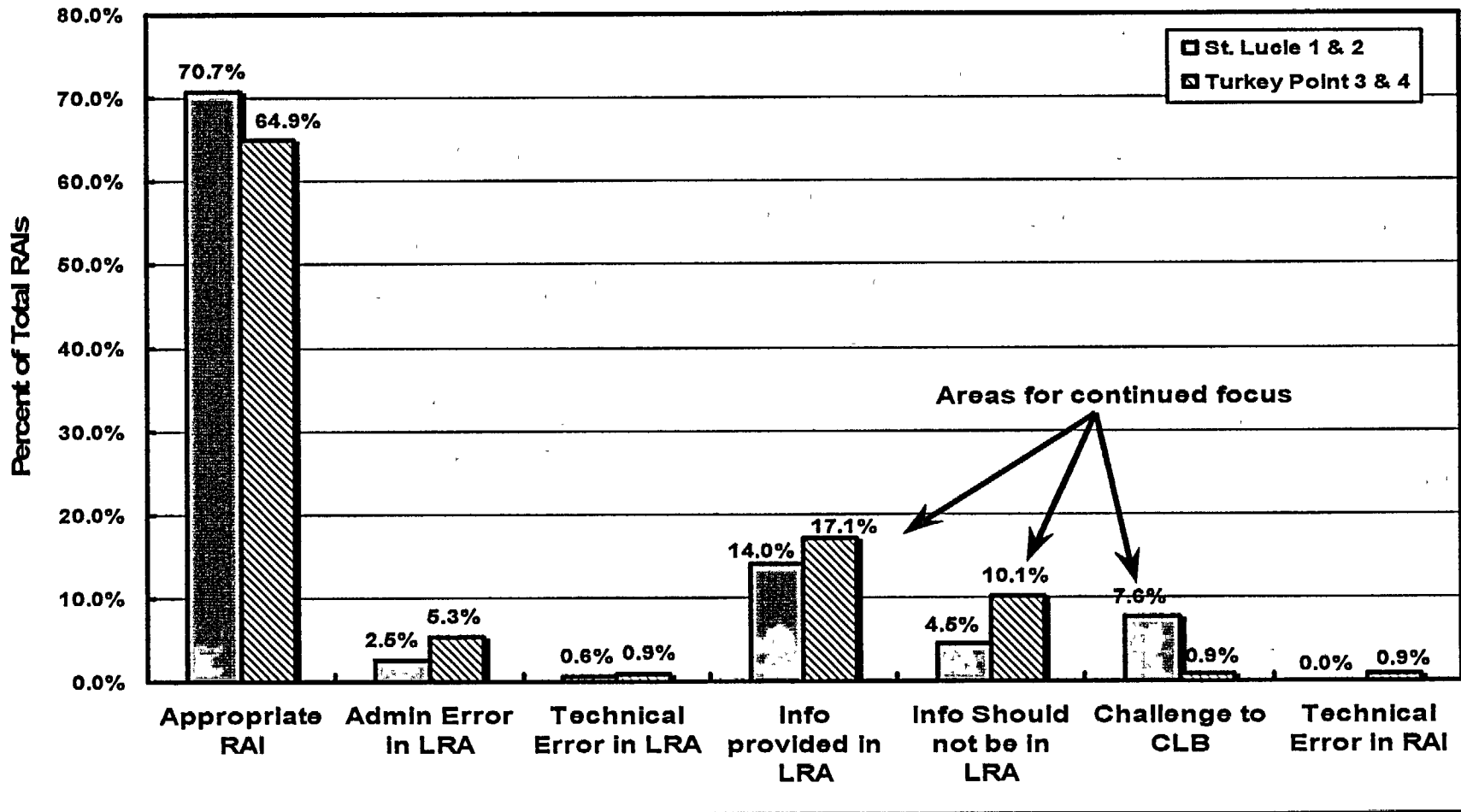
* = Sections being reviewed by contractors



FPL

LICENSE RENEWAL

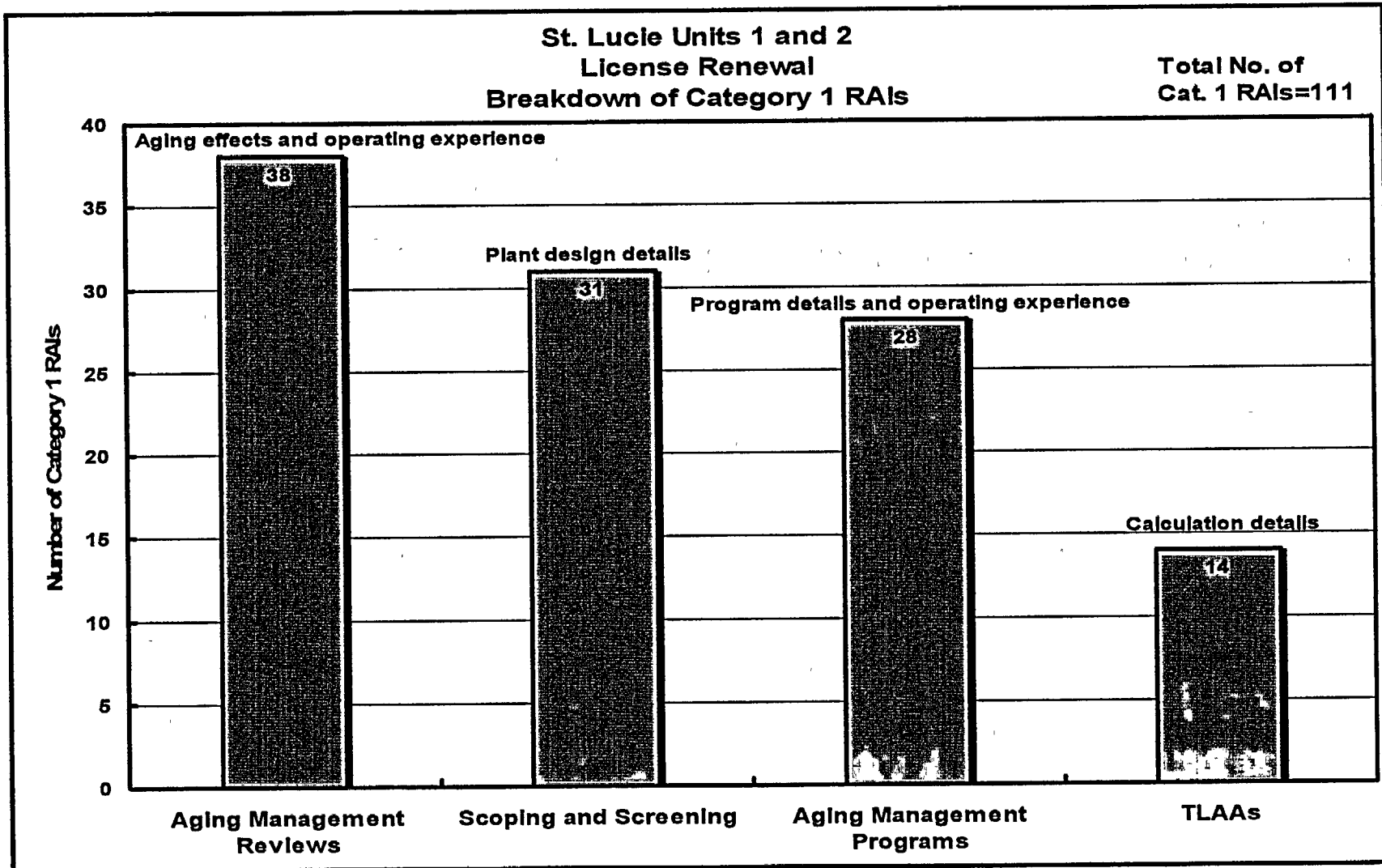
St. Lucie RAI Categorization and Comparison to Turkey Point





FPL

LICENSE RENEWAL





LICENSE RENEWAL

SUMMARY - ST. LUCIE RAI FEEDBACK

- Public meetings to review draft RAIs and draft RAI responses very effective
- Significant benefit in referencing GALL in the area of aging management programs
- Providing references and comparisons to GALL in LRA component table listings was of little value to the St. Lucie review



LICENSE RENEWAL

SUMMARY - ST. LUCIE RAI FEEDBACK

- For the license renewal process to remain stable and predictable, key aspects need to be emphasized
 - The CLB remains valid
 - Component active/passive determinations
 - LRA level of detail versus scope of NRC regional inspections
 - Limited review required for programs consistent with GALL
 - GALL is one way, not the only way



Fort Calhoun Station License Renewal

OPPD/NRC Management Meeting
November 4, 2002



Accomplishments

- Environmental RAIs issued to OPPD and response sent to NRC
- Safety RAIs issued to OPPD
- Scoping Inspection ongoing this week



Safety Review

- Excellent communication on RAIs continues to enable agreement on RAI content and responses
- Will bin RAIs consistent with industry criteria



Environmental Review

- No open issues



Expectations

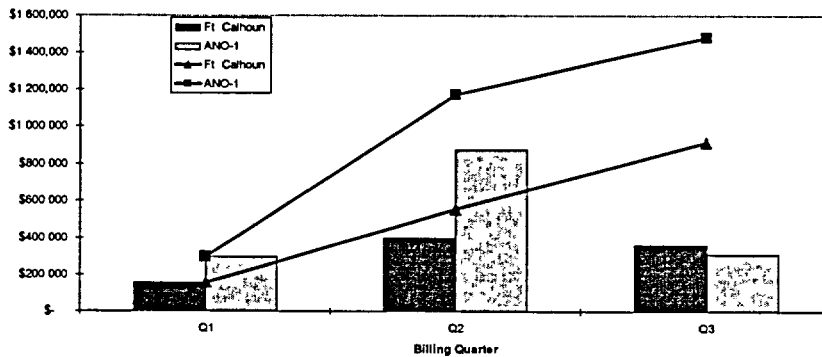
- Expectations to be accomplished by next NRC/OPPD Management Meeting (February timeframe)
 - OPPD to respond to Safety RAIs
 - OPPD submit annual update
 - NRC issues Draft SEIS
 - AMR Inspection



Closing remarks

Appear to be achieving the reduction of review time

NRC Review Fees for ANO-1 and Ft. Calhoun LRA (excluding ER)



License Renewal

H. B. Robinson Plant

CP&L and NRC
Management Meeting

November 4, 2002



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License Renewal

Completed Activities

- June 17, 2002 - Application Received
- Sept. 17-20, 2002 - Scoping And Screening Methodology Audit Complete
- Sept. 24-26, 2002 - Environmental Site Visit & Environmental Scoping Public Meeting
- Oct. 2, 2002 - SAMA Site Visit
- Oct. 25, 2002 - Environmental Scoping Period Ended
- No Intervention



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Enclosure 8

License Renewal

Upcoming Activities

- Dec. 2, 2002 - Environmental RAI's to Applicant
- Jan. 20, 2003 - Response to Environmental RAI's
- Feb. 11, 2003 - Safety RAI's to Applicant
- April 28, 2003 - Response to Safety RAI's
- April 4, 2003 Scoping Inspection Complete
- May 16, 2003 – NRC Issues Draft SEIS
- July 11, 2003 – AMR Inspection Complete



License Renewal

Summary

- All License Renewal Activities Are On Or Ahead Of Schedule
- Frequent Communications Between CP&L And NRC Are Occurring



**V.C. Summer Nuclear Station
SCE&G and NRC
Management Meeting
11-4-02**

Enclosure 9

V.C. Summer License Renewal Schedule

Event	Original Schedule	Actual Schedule
License Renewal Application Received	8/6/02	8/6/02
NRR Environmental Site Scoping Meeting at VCS	9/4/02	9/4/02
FRN published for Receipt & Availability	9/5/02	9/5/02
LR Application Training Meeting at NRR	9/24/02	9/24/02
Sufficiency Review Completion	10/5/02	9/27/02
Federal Register Notice Published for Acceptance / Opportunity for Hearing	10/7/02	10/4/02
FRN published for Intent / Environmental Scoping Meeting	10/25/02	10/25/02
Deadline for Filing Requests & Petitions for Intervention	11/6/02	
Scoping Methodology Bagman Meeting	11/14/02	
Environmental Site Meeting	12/10/02	
Environmental Scoping Meeting	12/12/02	
Environmental Scoping Period Ends	12/27/02	

V.C. Summer Nuclear Station

Completed Activities Since Last Meeting

Status Update
11-04-2002

- August 6, 2002 LR Application Submitted
- September 12, 2002 Submitted LRA Criteria 2 Supplement
- September 24, 2002 Presentation on LRA Contents
- September 27, 2002 Sufficiency Review Completed
- October 1, 2002 Provided LRA Basis Documentation
- October 4, 2002 FRN Published for Acceptance /
Opportunity for Hearings
- October 25, 2002 FRN Published for Intent /
Environmental Scoping Meeting

V.C. Summer Nuclear Station Near-Term Future Activities

Status Update
11-04-2002

- November 14, 2002 Scoping Methodology Meeting
- December 10, 2002 Environmental Site Meeting
- December 11, 2002 Environmental Scoping Meetings
- January 28-31, 2003 Scoping Methodology Audit

V.C. Summer Nuclear Station Summary / Issues

Status Update
11-04-2002

- Excellent Interface with NRC Project Management
- LRA Presentation Meeting Valuable to Both VCS and NRC