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DATE OF MEETING

01/18/2000

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)	50-317, 50-318, 50-269, 50-270, and 50-287
Plant/Facility Name	Calvert Cliffs and Oconee
TAC Number(s) (if available)	
Reference Meeting Notice	12/22/99 Notice
Purpose of Meeting (copy from meeting notice)	To discuss the status of the review of BG&E's and Duke's license renewal applications for CCNPP Units 1 and 2, and ONS Units 1, 2, and 3, respectively

NAME OF PERSON WHO ISSUED MEETING NOTICE

SKMitra

TITLE

Project Manager

OFFICE

NRR

DIVISION

DRIP

BRANCH

RLSB

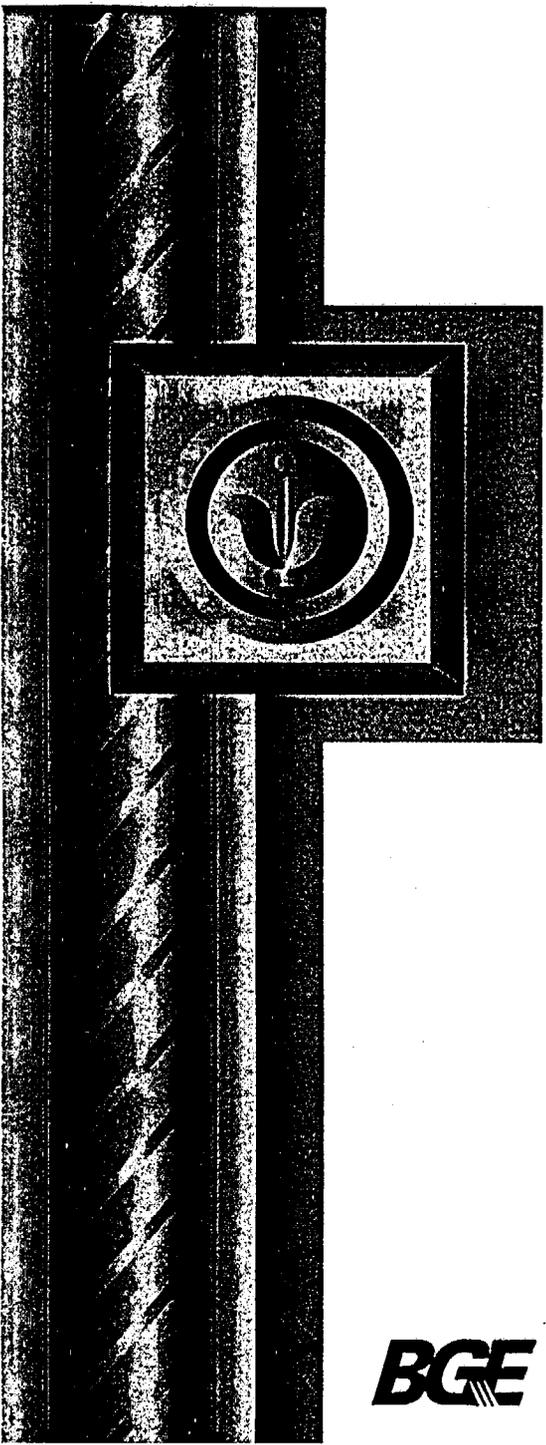
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Docket File/Central File 0-PI-17

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# Calvert Cliffs License Renewal Application Status Report to the US Nuclear Regulatory Commission

Dick Heibel, Manager - Nuclear Projects  
Carl Yoder, Project Director - LR  
Barth W. Doroshuk, President - CNS, Inc.

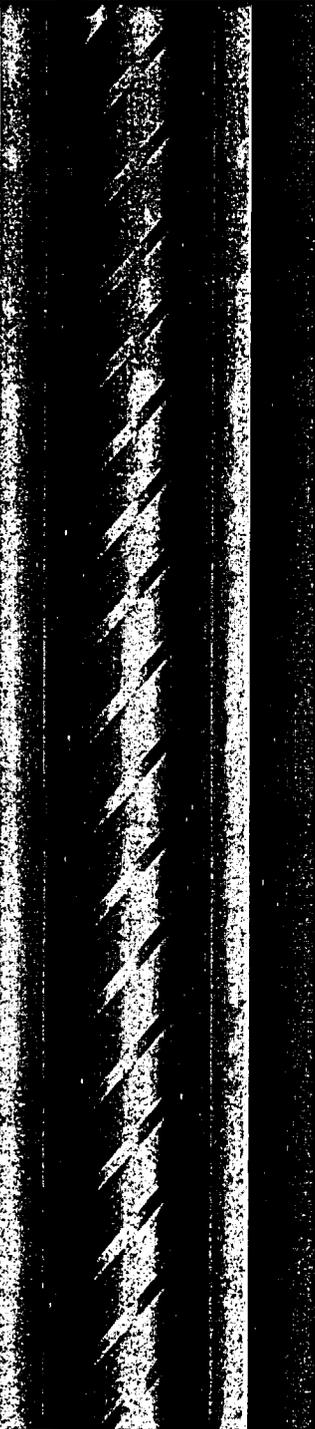
January 18, 2000





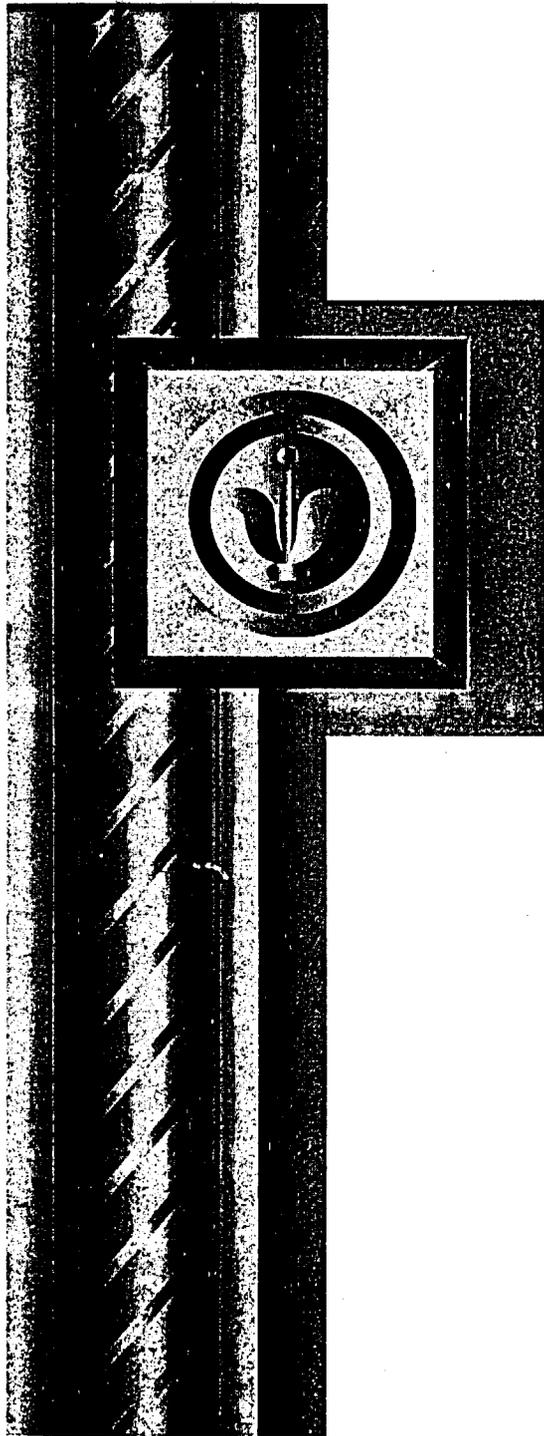
# Objectives of Meeting

- Brief NRC line management on progress of license renewal application review
- Determine if any issues need elevating to NRC Steering Committee by BGE or NRC
- Establish performance indicators for next review meeting



# Proposed Performance Indicators for January 2000

- ACRS letter issued ✓
- NUREG 1705 issued ✓
- Regional Administrator letter issued ✓



**January 2000  
Calvert Cliffs  
LRA Report Card**

January 18, 2000

# January 2000 Report Card

## ● Schedule Adherence

- On track

## ● Quality of Work

- Good

## ● Communications

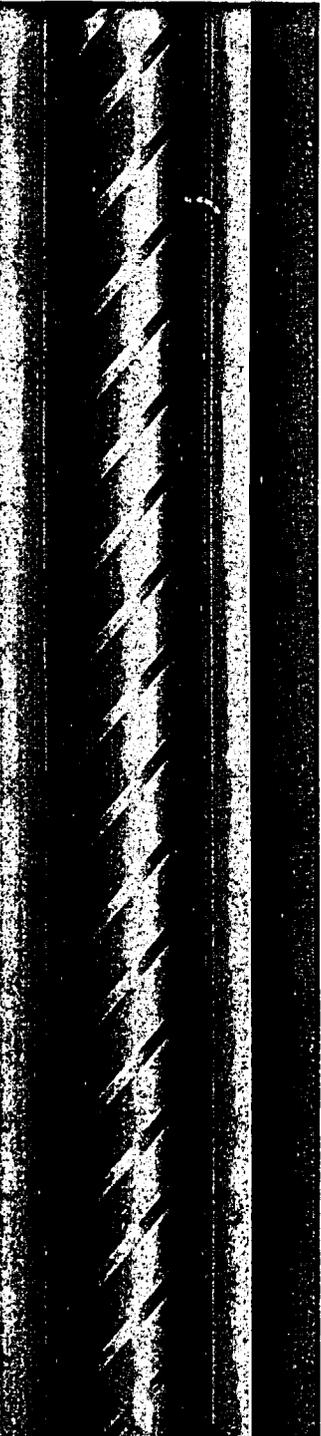
- Good

## ● Accomplishments

- NUREG 1705 issued
- BGE submits LIST changes
- ACRS letter issued
- BGE submits commitment to review Davis Besse root cause report
- Region I inspection completed
- Regional Administrator letter issued
- Commission Paper with Staff Recommendation issued

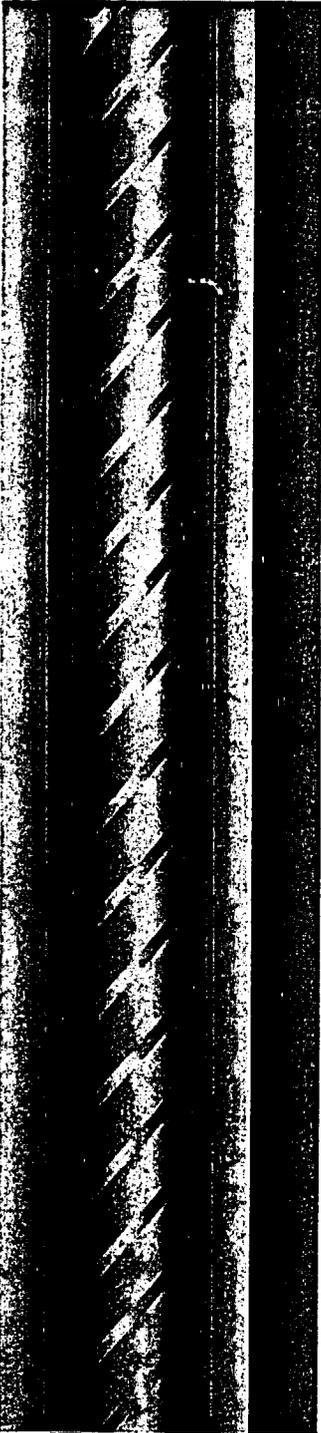
## ● Concerns

- None



# Proposed Performance Indicators for February 2000

- D.C. Circuit Court of Appeals oral arguments have been satisfactorily completed
- D.C. Circuit Court Ruling has been issued
- BGE continued to respond to any request from the NRR Staff as they moved the Recommendation to the Commission through its process



**NRC Schedule  
for  
BGE Calvert Cliffs  
License Renewal Application**

# **NRC Overall Schedule 1998**

- 4/10/98 - Application Submitted - completed**
- 5/10/98 - Acceptance and Docketing Completed - completed**
- 7/8/98 - Notice of Opportunity for Hearing Filed by NRC - completed**
- 7/7-7/10 - NRC Environmental Site/Public Visit - completed**
- 7/9/98 - Public Meetings for Environmental Impact Statement Scoping - completed**
- 8/7/98 - Filing of Intervener Petitions Ends - completed**
- 9/7/98 - NRC Completes Technical Requests for Additional Information (RAI) - completed**
- 9/28/98 - Management Progress Review - completed**
- 10/1/98 - Deadline for Whistleblower Center Filing - completed**
- 10/7/98 - NRC Completes Environmental RAIs - completed**

# **NRC Overall Schedule 1998/1999**

- 10/16/98 - Whistleblower Center Petition Dismissed - completed**
- 10/22/98 - BGE EQ Presentation to NRC Staff - completed**
- 10/29/98 - Management Program Review; NRC Steering Committee Meeting - completed**
- 11/21/98 - BGE Completes Technical Responses - completed**
- 12/6/98 - BGE Completes Environmental Responses - completed**
- 12/16/98 - Management Progress Review - completed**
- 1/14/99 - Management Progress Review - completed**
- 2/26/99 - Management Progress Review - completed**
- 3/6/99 - NRC Issues Draft Supplemental Environmental Impact Statement (SEIS) for Comment - completed**

# **NRC Overall Schedule 1999**

- 3/21/99 - NRC Completes Initial Safety Evaluation Report (SER) and Open Items - completed**
- 4/6/99 - Public Meeting for Draft SEIS Comments - completed**
- 5/5/99 - ACRS Meeting - completed**
- 5/20/99 - NRC Comment Period on Draft SEIS Closes - completed**
- 7/19/99 - BGE Completes Response to SER - completed**
- 10/12/99 - Applicant and NRC Meeting to Resolve Outstanding OI/CI - completed**
- 10/12/99 - Applicant and NRC Meeting to Resolve Outstanding FSAR OI - completed**
- 10/20/99 - NRC Develop Renewed License Format - completed**
- 11/1/99 - Forward closure of OI/CI to ACRS - completed**

# **NRC Overall Schedule 1999-2000**

- 11/16/99 - Staff Issue SER & SEIS - completed**
- 11/17/99 - Meeting with Applicant on Form of New License - completed**
- 11/18/99 - ACRS subcommittee SER OI/CI Review - completed**
- 12/3/99 - Conduct 3rd License Renewal Inspection - completed**
- 12/4/99 - ACRS Full Committee SER OI/CI Review - completed**
- 12/10/99 - ACRS Letter - completed**
- 12/20/99 - Issue SER as NUREG-1705 - completed**
- 12/31/99 - Regional Administrator Letter - completed**
- 1/14/00 - Commission Paper with Staff Recommendation - completed**
- 3/15/00 - Commission Meeting (if requested)**
- 3/27/00 - Commission Decision**
- 4/3/00 - Renewed License Issued**

# **Status Report on Baltimore Gas and Electric Company License Renewal Application Review**

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January 18, 2000

David Matthews, Director, Division of Regulatory  
Improvement Programs

Chris Grimes, Branch Chief, License Renewal &  
Standardization Branch

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## **Summary of LRA Review Activities**

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Status of activities regarding:

- Review Schedule
- Safety review
- Inspection activities
- Environmental review
- Petitioner status

## Summary of LRA Review Activities

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### Schedule

<b>Calvert Cliffs Milestones</b>	<b>Target</b>
<b>Applicant &amp; NRC Meeting to Resolve Outstanding OI/CI</b>	<b>10/12/99</b>
<b>Applicant &amp; NRC Meeting to Resolve Outstanding FSAR OI</b>	<b>10/12/99</b>
<b>NRC Develop Renewed License Format</b>	<b>10/25/99</b>
<b>Forward closure of OI/CI to ACRS</b>	<b>11/3/99</b>
<b>Staff Issue SER &amp; FSEIS</b>	<b>11/16/99</b>
<b>ACRS subcommittee SER OI/CI Review</b>	<b>11/18/99</b>
<b>Meeting with Applicant on Form of New License</b>	<b>11/22/99</b>
<b>ACRS Full Committee SER OI/CI Review</b>	<b>12/2/99</b>
<b>Conduct 3<sup>rd</sup> License Renewal Inspection</b>	<b>12/3/99</b>
<b>ACRS Letter</b>	<b>12/10/99</b>
<b>Issue SER as NUREG-1705</b>	<b>12/16/99</b>
<b>Regional Administrator Letter</b>	<b>1/13/00</b>
<b>Commission Paper with Staff Recommendation</b>	<b>1/14/00</b>
<b>Commission Meeting (if requested)</b>	<b>3/15/00</b>
<b>Commission Decision</b>	<b>3/27/00</b>
<b>Renewed License Issued</b>	<b>4/3/00</b>

## Summary of LRA Review Activities

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### Safety Review

- Published NUREG-1705, Safety Evaluation Report Related to License Renewal of Calvert Cliffs Nuclear Power Plant, Units 1 and 2
- Letter dated January 12, 2000 concerning commitment to modify aging management programs related to wetted cables, if necessary
- Commission Paper regarding staff recommendation on Calvert Cliffs license renewal issued January 14, 2000

## **Summary of LRA Review Activities - continued**

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### **Inspection Activities**

- Inspection report issued January 12, 2000
- Regional Administrator letter concerning Calvert Cliffs license renewal application issued January 13, 2000

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## **Summary of LRA Review Activities - continued**

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### **Environmental Review**

- Final SEIS issued to EPA on October 5, 1999
- Environmental review considered complete

## **Summary of LRA Review Activities - continued**

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### **Petitioner Status**

- On November 12, 1999, the court of appeals ruled 2-1 regarding some issues raised by NWC
- The court of appeals, on its own motion, has vacated its November 12, 1999 decision
- Rehearing scheduled for January 26, 2000

# **Oconee License Renewal Application Status Report to Duke Energy January 18, 2000**

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David Matthews, Director, Division of Regulatory  
Improvement Programs

Chris Grimes, Branch Chief, License Renewal  
and Standardization Branch

# Oconee Renewal Status

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- Schedule Adherence
- Accomplishments
- Other Items Needed for a Commission Decision

# Oconee Renewal Status

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## ■ Schedule Adherence

- ▶ SER to be issued by 2/12/00
- ▶ "End game" schedule

<u>Item</u>	<u>Date</u>	<u>Actual</u>
Meeting to Resolve Open Items	12/9/99	12/9/99
Staff Issue FES	2/12/00	12/9/99
Staff Issue SSER	2/12/00	
ACRS Subcommittee Meeting	2/24/00	
Final Renewal Inspection	2/28/00	
ACRS Full Committee Meeting	3/3/00	
ACRS Letter	3/10/00	
Issue SER as NUREG	3/24/00	
Regional Administrator's Letter	3/31/00	
Commission Paper with Staff Recommendation	4/14/00	
Commission Meeting (if requested)	6/15/00	
Commission Decision	6/26/00	
Renewed License Issued (if approved)	7/3/00	

# Oconee Renewal Status

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## Accomplishments

- FES issued 12/9/99 to EPA, ahead of schedule
- Communications continue to be good
  - ▶ Several phone call and letters to resolve issues
  - ▶ Key letters from Duke
    - 12/17/99 letter addressing remaining SER items
    - 1/7/00 letter addressing BWST Insulation
    - 1/12/00 letter addressing insulated cables and connections

# Oconee Renewal Status

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Other Items Needed for a Commission Decision

- Renewed License

- ▶ License conditions in current license that no longer apply
- ▶ Grace period for implementation of renewed license

- UFSAR

- ▶ Duke to provide UFSAR supplement updates beginning of February and March for staff review
- ▶ Duke to provide final UFSAR supplement beginning of April

# Oconee Renewal Status

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Other Items Needed for a Commission Decision (cont)

- Region II inspection and recommendation letter
- ACRS Recommendation letter
  - ▶ 2/24/00 subcommittee meeting at Clemson
  - ▶ 3/3/00 full committee meeting at Rockville



## **Oconee License Renewal Project**

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### **Duke/NRC Management Meeting**

**January 18, 2000**



## **Agenda**

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- Specific Commission Package Topics
- Duke Areas of Focus
- Expectations
- Meeting Plans



## Commission Package

- As described to Duke the following are part of the Commission Package of information.
  - ◆ Facility Operating License ✓
  - ◆ Technical Specification Changes (none identified)
  - ◆ Final Safety Evaluation Report ✓
  - ◆ UFSAR Supplement ✓
  - ◆ Region II Recommendation Letter ✓
  - ◆ Final Supplemental Environmental Impact Statement ✓
  - ◆ ACRS Recommendation Letter ✓
  - ◆ Amendment to the Indemnity Agreement (none identified)

✓ indicates discussion item later in this presentation

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Oconee License Renewal Project

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## Commission Package

- Facility Operating License
  - ◆ Amendment to the current FOL receiving final management approval. Expect Duke letter to be issued week of 1/24/00
  - ◆ Review of new FOL draft expected
- Region II Recommendation Letter
  - ◆ Duke continues to work with Region II to develop a list of topics for the 3rd inspection
  - ◆ Third inspection is scheduled for the week of February 28, 2000

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Oconee License Renewal Project

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## Commission Package

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- **Final Supplemental Environmental Impact Statement**
  - ◆ Issued December 9, 1999
  - ◆ Process to address comments and issue final SEIS appeared to be very efficient
- **ACRS Recommendation Letter**
  - ◆ Duke is working with the ACRS staff toward a successful site visit by the ACRS License Renewal Subcommittee in February
  - ◆ ACRS Full Committee meeting in March

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Oconee License Renewal Project

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## Commission Package

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- **Final Safety Evaluation Report**
  - ◆ Duke letter dated December 17, 1999 provided responses to remaining open and confirmatory items identified in the NRC letter dated November 18, 1999
  - ◆ Duke received two additional letters from the NRC with SER-related issues
    - » December 14, 1999 - ECCS Suction Piping Insulation
    - » January 4, 2000 - Insulated Cable Aging Management Program

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Oconee License Renewal Project

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## ***Final Safety Evaluation Report***

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### **■ ECCS Suction Piping Insulation**

- ◆ Duke determined this insulation was not in scope in early 1999
- ◆ NRC letter dated December 14, 1999 requested more information
- ◆ Duke letter dated January 7, 2000 provided the requested information and confirmed original determination
- ◆ Insulation on specific ECCS suction piping is not within the scope of license renewal

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## ***Final Safety Evaluation Report***

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### **■ Insulated Cable Aging Management Program**

- ◆ NRC letter dated January 4, 2000 sought to clarify final details of this program
- ◆ A series of input and feedback on an Oconee cable aging program preceded the January 4th letter with good technical exchange and agreement
- ◆ Duke letter dated January 12, 2000 provided additional program details

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## **Commission Package**

- **UFSAR Supplement (updated version)**
  - ◆ Original UFSAR Supplement was Application Exhibit B
  - ◆ Updates to information in Exhibit B are under review and will be completed following SER issuance
  - ◆ Duke plans to submit updated UFSAR Supplement to NRC by 4/1/2000

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Oconee License Renewal Project

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## **Commission Package**

- **UFSAR Supplement (updated version)**
  - ◆ A grace period for implementing program and procedure changes was requested in the Application submittal letter
  - ◆ The grace period allows a time to make all of the required administrative changes to documents
  - ◆ Formal staff response to the original request is desired

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Oconee License Renewal Project

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## Duke Areas of Focus

- Proceed with turnover planning
- Support staff in preparing SER and other documents
- Prepare for ACRS License Renewal Subcommittee site visit and meetings
- Prepare for 3rd Region II inspection

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Oconee License Renewal Project

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## Expectations

- Expectations to be accomplished by next NRC/Duke Management Meeting
  - ◆ SER issued by 2/12/200
  - ◆ Successful ACRS meetings
    - » 2/23/00 ACRS Subcommittee, Oconee site tour
    - » 2/24/00 ACRS Subcommittee public meeting, Clemson SC
    - » 3/3/00 ACRS Full Committee meeting
  - ◆ Successful 3rd Region II Inspection

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Oconee License Renewal Project

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## Meeting Plans

- Schedule for next NRC/Duke management meetings:
  - ◆ March 8, 2000
  - ◆ April 2000 date not set yet

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Oconee License Renewal Project

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