



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

July 21, 2000

**LICENSEES: VIRGINIA ELECTRIC AND POWER COMPANY**

**FACILITIES: NORTH ANNA POWER STATION, UNITS 1 AND 2  
SURRY POWER STATION, UNITS 1 AND 2**

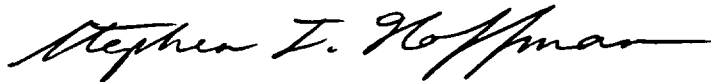
**SUBJECT: SUMMARY OF MEETING TO DISCUSS SUBMITTAL OF FUTURE LICENSE  
RENEWAL APPLICATIONS**

On July 18, 2000, representatives of Virginia Electric and Power Company (VEPCO) met with the Nuclear Regulatory Commission (NRC) staff to discuss its planned August 2001 submittal of concurrent license renewal applications for Surry and North Anna Nuclear Stations. VEPCO presented examples of the current format and content for the applications which continues the dialogue begun with the staff at a meeting on January 12, 2000. The goal is to identify a format that will achieve efficiencies both for the applicant's preparation and the NRC staff's review of the renewal applications. Attendees at the meeting are listed in Attachment 1. VEPCO discussion materials are contained in Attachment 2.

VEPCO plans to submit a request for an exception to allow it to submit one signed paper copy of the application and the remaining number of copies on CD-ROMs. Each CD-ROM will contain the complete application, station updated final safety analysis report (UFSAR), and boundary drawings used for scoping. Hypertext links will be provided between the application sections, UFSAR sections, boundary drawings, and summary tables. Separate applications will be submitted for Surry and North Anna with the majority of information common to both applications. Each application will highlight the material that is unique to that site. VEPCO will consult with the Office of the Chief Information Officer to ensure compatibility of the electronic submittals with the NRC's electronic systems.

Because of the degree of commonality between the two applications and the use of hypertext links for navigating through the applications, VEPCO expects significant efficiencies for the review of the applications. The applications are based on the standard format established between the staff and the industry. Additional efficiencies are expected by VEPCO due to the similarities in the design of the two facilities and the common aging management activities in use at both sites.

At the meeting, VEPCO demonstrated the proposed format and content of the applications using a computer and CD-ROM along with printed copies of the material. The demonstration included the use of the hypertext links for navigating among the application sections, UFSAR sections, and boundary drawings, and other features VEPCO is considering providing in the electronic version. The demonstration provided a good opportunity for the staff to understand and provide comments on VEPCO's current approach for preparing the applications and for VEPCO to obtain staff clarification.

A handwritten signature in black ink, reading "Stephen T. Hoffman". The signature is fluid and cursive, with a long horizontal stroke at the end.

Stephen T. Hoffman, Senior Project Manager  
License Renewal and Standardization Branch  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket Nos: 50-338, 50-339, 50-280, and 50-281

Attachments: As stated

cc w/atts: See next page

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/RA/

Stephen T. Hoffman, Senior Project Manager  
License Renewal and Standardization Branch  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

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Distribution: See next page

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OFFICIAL RECORD COPY

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Virginia Electric and Power Company

North Anna Power Station, Units 1 and 2,  
and Surry Power Station

cc:

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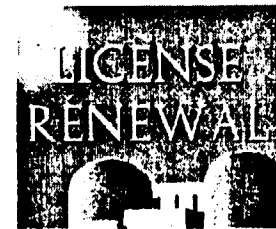
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Commonwealth of Virginia  
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Chairman  
Board of Supervisors of Surry County  
Surry County Courthouse  
Surry, Virginia 23683

ATTENDANCE LIST  
NRC STAFF MEETING WITH VIRGINIA ELECTRIC & POWER COMPANY  
JULY 18, 2000

<u>NAME</u>	<u>ORGANIZATION</u>
1. Steve Hoffman	NRC/NRR/DRIP/RLSB
2. Diane Aitken	Virginia Power Licence Renewal
3. Bill Corbin	Virginia Power
4. Mike Henig	Virginia Power Licence Renewal
5. Paul Shemanski	NRC/NRR/DE/EEIB
6. Ben Rodill	Virginia Power Licence Renewal
7. Thomas Kenyon	NRC/NRR/DRIP/RGEB
8. Steve Koenick	NRC/NRR/DRIP/RLSB
9. John Skoczlas	NRC/OCIO/ADD
10. Brenda Jo. Shelton	NRC/OCIO/IMD
11. Jeff Bartlett	NRC/OCIO/IMD
12. Keith R. Shaw	NRC/OCIO/IMD
13. Cornelius Holden	NRC/NRR/DE/EEIB
14. Joe Shea	NRC/OEDO
15. Barry Zalcman	NRC/NRR/DRIP/RGEB
16. Janice Moore	NRC/OGC
17. Stephanie Coffin	NRC/NRR/DE/EMCB
18. Anne Cottingham	Winston & Strawn
19. Gordon Edison	NRC/NRR/DLPM
20. Stephen Manarque	NRC/NRR/DLPM
21. Carolyn Lauron	NRC/NRR/DE/EMCB
22. James A. Davis	NRC/NRR/DE/EMCB
23. Roger A. Newton	WEPCO
24. Dick Wessman	NRC/NRR/DE
25. Chris Gratton	NRC/NRR/DSSA/SPLB
26. Goutam Bachi	NRC/NRR/DE
27. Chris Grimes	NRC/NRR/DRIP/RLSB
28. C. Cave	McGraw-Hill
29. Noel Dudley	ACRS
30. Omid Tabatabai-Yazdi	NRC/NRR/DRIP/RLSB



Maintaining Safe  
and Sensible  
Electricity

# **License Renewal Application Format**

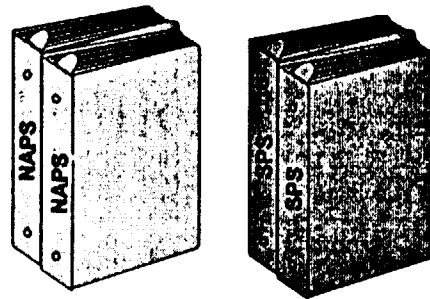
**Virginia Power  
Surry & North Anna Power Stations**

**Rockville, Maryland  
July 18, 2000**

Application Format

# January 2000 Meeting

**One set of binders for each station with  
plant specific information identified**



# Purpose of Meeting

- ✓ Features of Electronic Submittal
- ✓ LRA Efficiencies
- ✓ LRA Electronic Format
- ✓ Navigation of Electronic Submittal
- ✓ Review the Following Sample Sections:
  - ◆ Steam and Power Conversion System [Mechanical System]
  - ◆ Pressurizer [Major Component]
  - ◆ Auxiliary Building Structure [Structure]
  - ◆ Bus Ducts [Commodity]
- ✓ Feedback on Level of Detail



## Application Format

# Features of Electronic Submittal

- ✓ **System Approach Consistent with NEI 95-10**
- ✓ **Hypertext Links**
  - **UFSAR**
  - **Boundary Drawings**
  - **Supporting LRA Sections**
  - **Summary Tables**
- ✓ **Identify Site Specific Information [Minimal]**
- ✓ **Maximum Use of Summary Tables**

Application Format

## **LRA Efficiencies**

- ✓ **Side By Side Discussion with Technical Differences Noted**
- ✓ **NEI 95-10 Standard Format and Alignment with NRC's SRP**
- ✓ **Ease of Electronic Navigation  
[i.e., hypertext links & book marks]**
- ✓ **Significant Similarities in Plant Design  
[i.e., primary and secondary systems]**
- ✓ **Common Aging Management Activities**

Application Format

# **LRA Electronic Format**

## **Technical & Administrative Information**

### **1.0 Administrative Information**

### **2.0 Structures and Components Subject to Aging Management Review**

### **3.0 Aging Management Review**

### **4.0 Time-Limited Aging Analysis**

Application Format

## **LRA Electronic Format (Cont.)**

### **Section 2.0 - Scoping & Screening Results**

#### **For Each System:**

- ✓ System Description**
- ✓ UFSAR Reference**
- ✓ Boundary Drawings**
- ✓ Component Types Subject to AMR**

Application Format

## **LRA Electronic Format (Cont.)**

### **Section 3.0 - AMR Results**

- ✓ **Hypertext Link to Sec. 2.0 System Description**
- ✓ **Materials**
- ✓ **Environment**
- ✓ **Aging Effects Requiring Management**
- ✓ **Programs/Activities that Manage Aging Effects**
- ✓ **Conclusion**
- ✓ **Summary Table**

Application Format

## **LRA Electronic Format (Cont.)**

**Appendix A - UFSAR Supplement**

**Appendix B - Aging Management Activities**

**Appendix C - Commodity Groups**

**Appendix D - Technical Specifications Changes**

**Appendix E - Environmental Information**

**Also Included on CD-ROM for Reference:**

**License Renewal Boundary Drawings**

**Updated Final Safety Analysis Report**

Application Format

# Navigation of Electronic Submittal



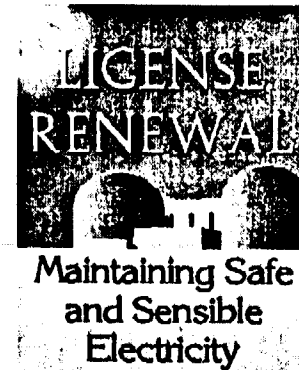
Application Format

# Sample Sections

- ◆ **Steam and Power Conversion Systems**
- ◆ **Pressurizer**
- ◆ **Auxiliary Building**
- ◆ **Bus Ducts**



# Conclusion



- ✓ Questions
- ✓ Comments
- ✓ Feedback
- ✓ Recommendations

