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DATE OF MEETING

09/29/2003

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) 50-259, 50-260, 50-296

Plant/Facility Name Browns Ferry Units 1, 2 & 3

TAC Number(s) (if available) _____

Reference Meeting Notice 09/10/03

Purpose of Meeting
(copy from meeting notice) To discuss the forthcoming license renewal application
for Browns Ferry Nuclear Plant

NAME OF PERSON WHO ISSUED MEETING NOTICE

Stephen T. Hoffman

TITLE

Sr. Project Manager

OFFICE

NRR

DIVISION

DRIP

BRANCH

RLEP

Distribution of this form and attachments:

Docket File/Central File

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DF01

Tennessee Valley Authority Browns Ferry Nuclear Plant Units 1, 2, and 3

License Renewal Application



TVA/NRC Meeting
Nuclear Reactor Regulation - Rockville, MD
September 29, 2003



Agenda



- | | |
|----------------------------------|---------------|
| ❖ Introduction and Background | Tim Abney |
| ❖ License Renewal Project Status | Ray Alexander |
| ❖ Application Format and Content | Mike Morrison |
| ❖ Application Overview | Gary Adkins |
| ❖ Items From Previous Meetings | Gary Adkins |
| ❖ Closing Remarks | Tim Abney |

Introduction



❖ Meeting Objectives

- Demonstrate TVA's approach to the preparation of a three-unit license renewal application for Browns Ferry Nuclear Plant (BFN) using the latest standard application format
- Present an overview of the BFN draft application

Previous TVA/NRC Meeting Highlights



- ❖ A three-unit application is acceptable for BFN
- ❖ The Unit 1 current licensing basis (CLB) provides an adequate basis for an LRA
- ❖ Operating experience for Units 2 and 3 is applicable to Unit 1
- ❖ The BFN application will resemble multi-site applications previously reviewed by the staff
- ❖ Differences between the Unit 1 CLB and the Units 2/3 CLB will be annotated in the application
- ❖ TVA was requested to address the following items in the application:
 - Description and schedule for the resolution of Unit 1 CLB differences
 - Effect of Unit 1 layup on the application
- ❖ A final inspection of Unit 1 prior to restart may be needed to verify that actions required as a result of the renewal review have been completed
 - TVA will provide notification when the documentation is available on-site
- ❖ All three renewed licenses will be issued at the completion of the renewal review
 - Additional license condition for U1 is acceptable
 - Review may take longer than standard (proposed 1-3 months)

License Renewal Project Status



- ❖ TVA will submit the BFN application in December 2003
- ❖ Draft application prepared (including environmental report)
- ❖ Industry peer review completed
- ❖ Site reviews in progress
- ❖ Remaining / Ongoing activities
 - Update the application for recent RAIs, SER open item closures, etc.
 - Implement program to ensure the basis for the renewed licenses is maintained during the renewal term
 - Train site personnel
 - Prepare documentation to support the new process for reviewing license renewal applications

Application Format and Content



- ❖ Application conforms to the May 2003 standard format
 - As modified by the presentation of Unit 1 CLB differences
 - Temporary differences enclosed in bold border (“boxes”)
 - Permanent differences will be described in the text – currently none have been identified
- ❖ TVA will submit a list of commitments with the application
- ❖ Final and draft interim staff guidance addressed
- ❖ Submittal will include a text-searchable copy of the UFSAR linked to the application
- ❖ Boundary drawings provided for mechanical systems
 - Red for 10 CR 54.4(a)(1) and 10 CFR 54.4(a)(3) scoping results
 - Blue for 10 CR 54.4(a)(2) scoping results
- ❖ 39 aging management programs identified
 - 31 existing programs, 8 new programs
 - 36 GALL programs, 3 plant specific programs

Application Overview



- ❖ Methodology
- ❖ Scoping, screening, aging management examples
 - Main steam system
 - Unit 1 intended function difference
 - Residual heat removal system
 - Unit 1 material difference – piping replacement with IGSCC resistant material
 - Auxiliary decay heat removal system
 - New system for unit 1 (only case)
 - Electrical commodities
- ❖ Appendix B
- ❖ Appendix F
 - Plan and schedule for the resolution of unit 1 CLB differences
- ❖ AMR / AMP consistency with the GALL

Items From Previous Meetings



- ❖ **BWR RPV integrity**
 - Unit 1 will conform to the BWRVIP at restart
 - Implementation plan provided in Appendix F
 - Unit 1 restart inspection plans will be available for on-site inspection
- ❖ **Permanent Unit 1 licensing basis differences will be identified in the application text**
 - None have been identified to date
- ❖ **NRC asked to be informed of any changes to the plans for the resolution of Unit 1 differences as described in Appendix F after submittal**
 - The Staff will be notified as soon as any deviation from this plan becomes known
- ❖ **TVA requested to ensure the LRA does not reference out-of-date FSAR information**
 - The BFN FSAR contains some historical information which is clearly identified
 - No historical information used to support the application

Closing Remarks

