



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

June 1, 2000

LICENSEES: Entergy Operations, Inc. (Entergy) and Southern Nuclear Operating Company, Inc. (Southern Nuclear)

FACILITIES: Arkansas Nuclear One, Unit 1 (ANO-1), and Hatch Nuclear Station, Unit Nos. 1 and 2 (Hatch 1 and 2)

SUBJECT: SUMMARY OF MAY 17, 2000, MEETING WITH ENTERGY AND SOUTHERN NUCLEAR REGARDING LICENSE RENEWAL ACTIVITIES FOR ANO-1 AND HATCH 1 AND 2

On May 17, 2000, the U. S. Nuclear Regulatory Commission (NRC) staff held a public meeting with representatives of Entergy and Southern Nuclear, at Rockville, Maryland, to discuss the status of the NRC's review of the license renewal applications (LRAs) for ANO-1 and Hatch 1 and 2, respectively. Enclosure 1 to this meeting summary provides a list of the meeting attendees. Enclosure 2 provides a copy of slides that were used by NRC, Entergy and Southern Nuclear to summarize the status of the LRAs under consideration.

Highlights from the Entergy portion of the meeting:

The staff and Entergy noted the initial accomplishments for the review of the ANO-1 LRA. The application was sent by the applicant on January 31, 2000 and received by the staff on the next day. The staff sent out a Notice of Receipt of the LRA on February 4th and completed its acceptance and sufficiency review for docketing on February 28, 2000. The staff provided a 30-month review schedule, and has since revised its schedule to a 25-month review schedule because no hearing request or petitions to intervene have been received from the public. The staff issued SAMA requests for additional information (RAIs) on April 12, 2000, and is scheduled to submit the remainder of its environmental and safety evaluation no later June 29, 2000. The staff has met or exceeded all scheduling milestones for the review of the ANO-1 LRA to date.

Both the staff and the applicant noted good progress and good communication. They discussed the public meeting between the staff and applicant that took place on April 27, 2000, on the safety review of the LRA and determined that it was timely and productive. The scoping and environmental qualification meetings schedule for May 23, 2000 were also briefly discussed. No significant problems were noted as of yet, and clear commitments to continue the progress, meet scheduled milestones, and to keep management informed were made by both the staff and the applicant.

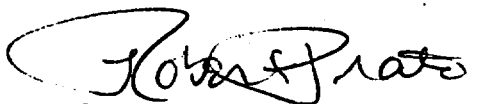
June 1, 2000

Highlights from the Southern Nuclear portion of the meeting:

The staff and Southern Nuclear noted the initial accomplishments for the review of the LRA for Hatch 1 and 2. The application was sent by the applicant on February 29, 2000 and received by the staff the next day. The staff sent out a Notice of Receipt of the LRA on March 10, 2000 and completed its acceptance and sufficiency review for docketing on March 24, 2000. The staff provided a 30-month review schedule. A notice of acceptance for docketing of the application and notice of opportunity to request a hearing or to file a petition to intervene were published in the Federal Register on April 3, 2000. The deadline for filing a request or petition was May 3, 2000. No hearing requests or petitions to intervene have been received from the public. A 2.206 Petition was filed on May 3, 2000 which, among other things, requested the staff to initiate a 10 CFR Parts 51 and 54 rulemaking to address degradation of liquid and gaseous radwaste systems at Hatch 1 and 2. The staff has met or exceeded all scheduling milestones to date for the review of the LRA for Hatch 1 and 2.

Both the staff and the applicant noted good progress and good communication. They discussed the public meeting between the staff and applicant that took place on May 8, 2000, on the safety review of the LRA and determined that it was timely and productive. They also briefly discussed the environmental scoping public meeting and site visit which took place on May 10 and 11, 2000.

A draft of this meeting summary was provided to Entergy and Southern Nuclear to allow them the opportunity to comment prior to the summary being issued.



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License Renewal and Standardization Branch
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William F. Burton, Senior Project Manager
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Office of Nuclear Reactor Regulation

Docket Nos. 50-313 (Entergy)
50-321, and 50-366 (Southern Nuclear)

Enclosures: 1. List of Attendees
2. Meeting Slides

cc w/ encls: See next page

June 1, 2000

Highlights from the Southern Nuclear portion of the meeting:

The staff and Southern Nuclear noted the initial accomplishments for the review of the LRA for Hatch 1 and 2. The application was sent by the applicant on February 29, 2000 and received by the staff the next day. The staff sent out a Notice of Receipt of the LRA on March 10, 2000 and completed its acceptance and sufficiency review for docketing on March 24, 2000. The staff provided a 30-month review schedule. A notice of acceptance for docketing of the application and notice of opportunity to request a hearing or to file a petition to intervene were published in the Federal Register on April 3, 2000. The deadline for filing a request or petition was May 3, 2000. No hearing requests or petitions to intervene have been received from the public. A 2.206 Petition was filed on May 3, 2000 which, among other things, requested the staff to initiate a 10 CFR Part 51 and 54 rulemaking to address degradation of liquid and gaseous radwaste systems at Hatch 1 and 2. The staff has met or exceeded all scheduling milestones to date for the review of the LRA for Hatch 1 and 2.

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/RA/

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2. Meeting Slides

cc w/ encls: See next page

DISTRIBUTION: See next page

DOCUMENT NAME: G:\RLSB\Burton\5_17_00 Summary of Management Meeting.wpd

| OFFICE | LA | RLSB | RLSB | RLSB:D |
|--------|---------|---------|----------|----------|
| NAME | EHylton | RJPrato | WFBurton | CIGrimes |
| DATE | 06/1/00 | 06/1/00 | 06/1/00 | 06/1/00 |

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Edwin I. Hatch Nuclear Plant Units 1 and 2

Docket Nos.: 50-321, 50-366

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**NRC MEETING WITH ENTERGY AND SOUTHERN NUCLEAR TO DISCUSS
THE LICENSE RENEWAL APPLICATIONS FOR ARKANSAS NUCLEAR ONE, UNIT 1,
AND HATCH NUCLEAR STATION, UNIT Nos. 1 and 2
ATTENDANCE LIST
May 17, 2000**

| <u>NAME</u> | <u>ORGANIZATION</u> |
|-------------------|--------------------------|
| William Burton | NRC/NRR/DRIP/RLSB |
| Robert Prato | NRC/NRR/DRIP/RLSB |
| Steve Hoffman | NRC/NRR/DRIP/RLSB |
| Juan Peralta | NRC/NRR/DIPM/IQMB |
| Sam Lee | NRC/NRR/DRIP/RLSB |
| Charles Willbanks | NUS Information Services |
| Al Casalena | CNS |
| Thomas Kenyon | NRC/NRR/DRIP/RGEB |
| Jerry Dozier | NRC/NRR/DRIP/RLSB |
| James Strnisha | NRC/NRR/DRIP/RLSB |
| Tamara Bloomer | NRC/NRR/DRIP/RLSB |
| Omid Tazdi | NRC/NRR/DRIP/RLSB |
| Rani Franovich | NRC/NRR/DRIP/RLSB |
| S.K. Mitra | NRC/NRR/DRIP/RLSB |
| Duc Nguyen | NRC/NRR/DE/EEIB |
| Amar Pal | NRC/NRR/DE/EEIB |
| Barry Zalzman | NRC/NRR/DRIP/RGEB |
| Winston Liu | NRC/NRR/DRIP/RLSB |
| Cynthia Sochor | NRC/NRR/DRIP/RGEB |
| Rob Jolly | NRC/NRR/DRIP/RGEB |
| Goutam Bagchi | NRC/NRR/DE |
| David Stellfox | McGraw-Hill |
| Ronald Clary | SCE&G |
| Al Paglia | SCE&G |
| Bill Corbin | Va. Power |
| Fred Polaski | PECO Energy |
| Gordon Cleffon | Scientech |
| Ken Karcher | CP&L |
| Donald Ferraro | Winston & Strawn |
| Sherry Bernhoft | FPC |
| Lynn Connor | DSA |
| Jim Hancock | Balch & Bingham |
| David Lewis | Shaw Pittman |
| Roger Newton | WEPCO |

Mike Tuchman
Greg Robinson
Steve Hale
Barth Doroshuk
Joe Gaspar
Jim Lang
Louis Long
Charles Pierce
Ray Baker

Duke
Duke
FPL
CNS, Inc.
OPPD
EPRI
Southern Nuclear
Southern Nuclear
Southern Nuclear

ANO-1 License Renewal

Entergy Operations and NRC Management Meeting

May 17, 2000

ANO-1 License Renewal Status

- ***January 31, 2000 - Entergy Operations submitted ANO-1 License Renewal Application (LRA)***
- ***February 4, 2000 - NRC documented receipt of LRA***
- ***February 28, 2000 - NRC determined application acceptable and sufficient for docketing***
- ***March 7, 2000 - NRC provided 30-month review schedule***

ANO-1 License Renewal Status

- ***April 4, 2000 - NRC held Public Scoping Meetings on Environmental Report (ER) in Russellville, Arkansas***
- ***April 5 - 6, 2000 - NRC conducted ER scoping visit***
- ***April 11, 2000 - Entergy provided LRA/ER corrections and preliminary Severe Accident Mitigation Alternatives (SAMA) responses***

ANO-1 License Renewal Status

- ***April 12, 2000 - NRC provided SAMA requests for additional information (RAIs) with a requested 60-day response***
- ***by Mid-to-Late May - Entergy expects remaining ER RAIs from NRC***
- ***by June 12, 2000 - Entergy plans to provide SAMA RAI responses***

ANO-1 License Renewal Status

- ***April 17, 2000 - NRC provided first set of technical RAIs on electrical scoping, steam and power conversion aging management reviews, and EQ requesting a schedule for response within 30 days of receipt***
- ***April 25, 2000 - NRC provided second set of technical RAIs primarily on reactor vessel and internals, steam generators, TLAAs, and EQ***

ANO-1 License Renewal Status

- ***May 2, 2000 - NRC provided third set of technical RAIs primarily on mech. and structural scoping***
- ***May 5, 2000 - NRC provided fourth set of technical RAIs primarily on mechanical scoping and aging management reviews, TLAAs, and aging management programs***
- ***by May 26, 2000 - Entergy plans to provide response schedule for the above technical RAIs***
- ***by late May - Entergy expects remaining RAIs***

ANO-1 License Renewal Status

- ***on May 23, 2000 - Entergy EQ subject matter expert to visit NRR offices to discuss specific EQ calculations (one of the EQ RAIs)***
- ***on May 23 - 25, 2000 - NRR Project Manager and NRR Staff to visit ANO to discuss LRA scoping issues including the ANO-1 Q-list***
- ***by late May or early June - Entergy and NRR Staff expect to discuss environmentally assisted fatigue RAIs***

Summary

- ***All ANO-1 license renewal activities are currently on or ahead of schedule***
- ***Communications continue to be frequent and effective***
- ***Significant activities currently underway to discuss and address RAIs including visits to NRR by Entergy and visits to ANO by NRR***
- ***No significant problems identified with the review process at this time***

ANO-1 RENEWAL STATUS- Schedule

- Received application 2/1/00
- Milestones - on schedule
- Environmental RAIs - 6/26/00
- Safety Evaluation RAIs - 6/29/00

ANO-1 RENEWAL STATUS -Accomplishments

- Acceptance / sufficiency review complete
- Environmental scoping meeting - 4/3/00
- SAMA RAIs sent 4/12, remaining ER RAIs due 6/26
- SER RAIs 92 % sent, remaining RAIs due by 6/29

ANO-1 RENEWAL STATUS - Other Activities

- No hearing requests or petitions to intervene
- Technical review meeting
 - ▶ Need for information greater than expected
 - ▶ Inconsistency between text and tables
 - ▶ Absence of references
- Bi-monthly working meetings
- Scoping Methodology audit 5/23/00
- EQ review meeting 5/23/00

License Renewal Status Report

Louis Long - Vice President, Technical Services
Chuck Pierce - License Renewal Manager
Ray Baker - Hatch Project Manager

May 17, 2000



Objectives

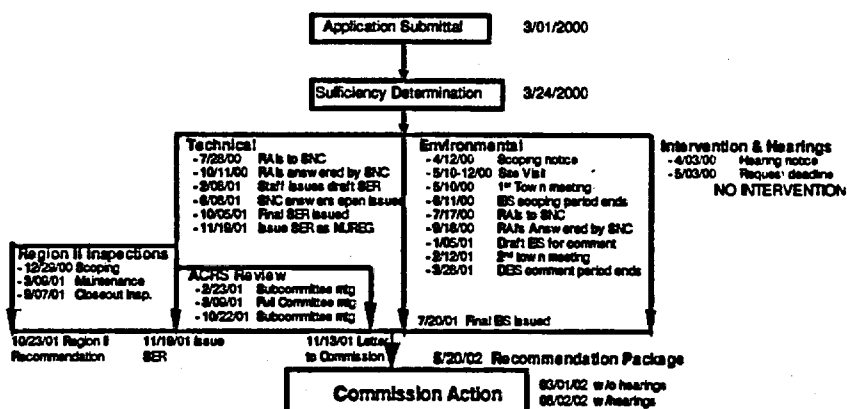


- ◆ Brief NRC management on progress of license renewal application review.
- ◆ Establish performance standards for next two months.

May 2000 Report

- ◆ **Schedule Adherence**
 - Environmental - on schedule
 - Technical - on schedule
- ◆ **Communications**
 - Open and clear
- ◆ **Consistency**
 - Track for consistency with past reviews - too early for conclusions
- ◆ **Concerns**
 - Focused on re-organizing some application information for more efficient NRC review
- ◆ **Accomplishments**
 - Application submittal (3/01)
 - Sufficiency determination (3/23)
 - Opportunity for hearing notice (4/03)
 - Environmental scoping notice (4/12)
 - NRC mtg on application review (5/08)
 - Environmental scoping town mtg (5/10)
 - Environmental scoping site visit (5/11)
- ◆ **Other Notable Issues**
 - Hearing notice expires (5/03)
 - UCS 2.206 petition (5/03)

License Renewal Schedule



Performance Objectives until July 17th

- ◆ SNC to provide its GEIS Category 1 conclusions - May 22th
- ◆ SNC to provide scoping matrix - May 24th
- ◆ SNC to provide consolidated program information - May 31th (Some may be provided earlier)
- ◆ All Environmental RAIs to SNC - July 17th
- ◆ Technical RAIs to start (all RAIs due by July 28th)

HATCH UNITS 1 AND 2 RENEWAL STATUS

SCHEDULE

- Received application on 3/1/00
- Milestones - on schedule
- Environmental RAIs - 7/17/00
- Safety Evaluation RAIs - 7/28/00

ACCOMPLISHMENTS

- Acceptance/sufficiency review complete
- Environmental scoping meeting - 5/10/00

HATCH UNITS 1 AND 2 RENEWAL STATUS

OTHER ACTIVITIES

- Hearing requests and petitions
- Technical review meeting
- Bi-monthly working meetings
- Scoping methodology audit