

perform the calculations that demonstrated adequate safety performance of ECCS systems. These methods include: (1) RSG LOCA-BWNT LOCA evaluation model (BAW-10168, Rev. 3), (2) RELAP5/MOD2-B&W code (BAW-10164, Rev. 3), (3) the BEACH implementation of RELAP5 (BAW-10166, Rev. 4), and (4) REFLOD3B (BAW-10171-PA, Rev. 3). The licensee documented calculations based on these models to demonstrate that existing North Anna calculations based on the current fuel design conservatively bound the LOCA performance of the lead test assembly as calculated by the NRC-approved methods. Results of comparative LOCA calculations with the same plant operating parameters demonstrated that the LOCA calculational methods used are acceptable for the lead test assembly at North Anna, Unit 2. Therefore, the licensee has achieved the underlying purpose of 10 CFR 50.46 and 10 CFR Part 50, Appendix K.

The lead test assembly meets the same design bases and requirements as the resident Westinghouse fuel for the North Anna, Unit 2, Cycle 16 core. No safety limits or setpoints have been altered as a result of the use of the lead test assembly. The lead test assembly will be placed in a core location that will not experience the most limiting power peaking during the aforementioned operating cycle. The advanced cladding has been irradiated and tested for corrosion resistance, tensile and burst strength, and creep characteristics. The results indicate that the advanced cladding should be acceptable for reactor service. Therefore, granting the exemption requests will not present an undue risk to public health and safety or be inconsistent with the common defense and security.

Based on the previously acceptable performance of the four lead test assemblies at North Anna, Unit 1, and the subsequent approval of the advanced cladding material M5, the staff concludes that the licensee has demonstrated that the lead test assembly will perform adequately under LOCA conditions, and thus the lead test assembly is acceptable for operation in North Anna, Unit 2, Cycle 16. In addition, based on the special circumstances described above, the staff approves of an exemption from the requirements of 10 CFR 50.44, 10 CFR 50.46, and 10 CFR Part 50 Appendix K for the lead test assembly in North Anna, Unit 2.

4.0 Conclusion

Accordingly, the Commission has determined that, pursuant to 10 CFR

50.12(a), the exemption is authorized by law, will not present an undue risk to the public health and safety, and is consistent with the common defense and security. Also, special circumstances are present. Therefore, the Commission hereby grants the licensee an exemption from the requirements of 10 CFR 50.44, 10 CFR 50.46, and Appendix K to 10 CFR Part 50, for North Anna Power Station, Unit 2. This exemption only applies to the one lead test assembly containing advanced zirconium-based alloys for the one operating cycle, with a lead rod burnup not exceeding 75,000 MWD/MTU.

Pursuant to 10 CFR 51.32, the Commission has determined that the granting of this exemption will not have a significant effect on the quality of the human environment (67 FR 53813).

This exemption is effective upon issuance.

Dated at Rockville, Maryland, this 4th day of September 2002.

For the Nuclear Regulatory Commission.

John A. Zwolinski,

Director, Division of Licensing Project Management, Office of Nuclear Reactor Regulation.

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NUCLEAR REGULATORY COMMISSION

Sunshine Act Meeting Notice

AGENCY HOLDING THE MEETING: Nuclear Regulatory Commission.

DATES: Weeks of September 9, 16, 23, 30, October 7, 14, 2002.

PLACE: Commissioner's Conference Room, 11555 Rockville Pike, Rockville, Maryland.

STATUS: Public and Closed.

MATTERS TO BE CONSIDERED:

Week of September 9, 2002

There are no meetings scheduled for the Week of September 9, 2002.

Week of September 16, 2002—Tentative

There are no meetings scheduled for the Week of September 16, 2002.

Week of September 23, 2002—Tentative

There are no meetings scheduled for the Week of September 23, 2002.

Week of September 30, 2002—Tentative

Tuesday, October 1, 2002

9:25 a.m.—Affirmation Session (Public Meeting) (If needed).

9:30 a.m.—Briefing on Decommissioning Activities and

Status (Public Meeting) (Contact: John Buckley, 301-415-6607).

This meeting will be webcast live at the Web address—www.nrc.gov.

Wednesday, October 2, 2002

10 a.m.—Briefing on Strategic Workforce Planning and Human Capital Initiatives (Closed—Ex. 2).

Thursday, October 3, 2002

9 a.m.—Discussion of Management Issues (Closed—Ex. 2).

Week of October 7, 2002—Tentative

There are no meetings scheduled for the Week of October 7, 2002.

Week of October 14, 2002—Tentative

There are no meetings scheduled for the Week of October 7, 2002.

Week of October 14, 2002—Tentative

There are no meetings scheduled for the Week of October 14, 2002.

* The schedule for Commission meetings is subject to change on short notice. To verify the status of meetings call (recording)—(301) 415-1292. Contact person for more information: R. Michelle Schroll (301) 415-1662.

Additional Information

By a vote of 5-0 on September 3, the Commission determined pursuant to U.S.C. 552b(e) and § 9.107(a) of the Commission's rules that "Affirmation of (a) Final Rule: 10 CFR Part 63: Specification of a Probability for Unlikely Features, Events, and Processes, and (b) Duke Cogema Stone & Webster (Savannah River Mixed Oxide Fuel Fabrication Facility); Board's Certified Question Regarding Procedure" be held on September 4, and on less than one week's notice to the public.

The NRC Commission Meeting Schedule can be found on the Internet at: www.nrc.gov/what-we-do/policy-making/schedule.html.

This notice is distributed by mail to several hundred subscribers; if you no longer wish to receive it, or would like to be added to the distribution, please contact the Office of the Secretary, Washington, DC 20555 (301)-415-1969). In addition, distribution of this meeting notice over the Internet system is available. If you are interested in receiving this Commission meeting schedule electronically, please send an electronic message to dkw@nrc.gov.

Dated: September 5, 2002.

R. Michelle Schroll,

Acting Technical Coordinator, Office of the Secretary.

[FR Doc. 02-23090 Filed 9-6-02; 2:37 pm]

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