

AUG 1 1974

DOCKET NOS.: 50-438 AND 50-499

APPLICANT : TENNESSEE VALLEY AUTHORITY (TVA)

FACILITY : BELLEFONTE NUCLEAR PLANT, UNITS 1 AND 2

SUMMARY OF MEETING WITH THE ADVISORY COMMITTEE ON REACTOR SAFEGUARDS (ACRS)

The application of the Tennessee Valley Authority for licenses to construct the two-unit Bellefonte Nuclear Plant was considered by the ACRS during its 171st Meeting on July 11, 1974. The meeting was open to the public and a transcript of the meeting is available. A copy of slides used in the presentation is attached for the file copies. At the conclusion of the meeting, the ACRS advised the applicant that they could write a favorable letter for construction of the two Bellefonte units. A summary of the more significant subjects described during the meeting is presented below.

1. Introduction

TVA discussed their organizational structure and the division of responsibility within this organization. Mr. J. Gilleland represented TVA's management and presented the status of their activities on Bellefonte Nuclear Plant, Units 1 and 2.

2. Site Description

A brief description of the demography and land use around the site was given. A summary of the hydrology and meteorology of the site was presented. After TVA presented a geologic and seismologic description of the site, the staff and a USGS representative responded to questions clarifying certain comments in the USGS letter on Bellefonte Nuclear Plant, dated July 9, 1974.

3. Plant Description

A brief description of the proposed Bellefonte Nuclear Plant was given. This presentation included a comparison of this facility with Rancho Seco and Oconee 2 and 3.

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4. Containment Design

The design of the containment structure was described with some discussion of the treatment of shear in the containment walls. The containment rock anchors were described with emphasis on the grouping procedures. A question arose as the extent of the staff's review of guard pipes for process lines.

5. Containment Sumps

TVA briefly described the design of the containment sumps for the Bellefonte Nuclear Plant, Units 1 and 2.

6. Design Commitment

TVA indicated that the design of Bellefonte was consistent with the presentations earlier in the day by B&W.

7. Generic Items

The ACRS questioned the applicant and the staff on the status of the reactor coolant pump overspeed concern and the status of the ATWS evaluation for Bellefonte Nuclear Plant, Units 1 and 2.

Original Signed by

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Light Water Reactors Branch 2-3
Directorate of Licensing

Enclosure:
Slides (f/file cys)

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