

OCT 9 1973

DOCKET NOS.: 50-438 AND 50-439

APPLICANT: TENNESSEE VALLEY AUTHORITY (TVA)

FACILITY: BELLEFONTE NUCLEAR PLANT, UNITS 1 AND 2

SUMMARY OF SITE VISIT TO THE PROPOSED LOCATION FOR THE BELLEFONTE NUCLEAR PLANT, UNITS 1 AND 2, NEAR SCOTTSBORO, ALABAMA

On September 19, 1973, representatives of TVA met with the Regulatory staff and our consultant from the U. S. Geological Survey for a visit to the proposed site of the Bellefonte Nuclear Plant. The primary purpose of this visit was in connection with the radiological safety review of the Bellefonte application, however, several staff members and an Argonne National Laboratory representative conducted a concurrent site visit relative to the environmental review. This report summarizes the radiological safety portion of the site visit.

A list of attendees is enclosed.

The site visit was conducted in a series of parallel tour groups, each group being composed of staff and TVA experts in a given field. Representatives of TVA and the staff who were concerned with meteorology formed one group who, after a brief tour of the site, conducted an aerial observation and an inspection of the various meteorological facilities in the surrounding area. This included visits to the Widows Creek Valley Station, the Sand Mountain Facility, the onsite 10 meter tower and the offsite meteorology tower.

A tour of hydrologic site features was conducted by a staff hydrologist. The proposed locations of the intake structure, the plant yard, the waste pond and access road crossing of Town Creek Embayment were inspected. The proposed discharge structure location was not inspected since the boat that TVA had anticipated using was late returning with staff personnel involved in the environmental review. A representative of the Radiological Assessment Branch toured the proposed site to inspect the locations of the proposed site boundary, the nearest full-time residence, the nearest dairy farm, and other areas of interest.

A tour of various areas of interest to the staff geologic and seismologic representatives was made. The location and results of core borings were inspected. Exposed rock near the rock anchor tests was inspected. Another

area of interest was the nearby Scottsboro Airport. This was inspected by the staff representative from the Accident Analysis Branch. This staff member also participated in the boat tour of the site area.

After the various tours were completed, staff members met with TVA representatives in the Widows Creek Power Plant conference room to discuss areas where additional information was needed. These discussions centered on questions the staff had generated during the initial review of the Bellefonte application and the site visit. A formal list of these questions was subsequently transmitted to TVA on October 2, 1973.

Original Signed by  
Donald K. Davis

Don K. Davis, Project Manager  
Pressurized Water Reactors Branch 4  
Directorate of Licensing

Enclosure:  
List of Attendees

DISTRIBUTION:

- J Docket File (2)
- AEC PDR
- Local PDR
- L Rdg File
- RP Rdg File
- PWR-4 Rdg File
- RCDeYoung
- JHendrie
- RO (3)
- OGC
- RWKlecker
- ASchwencer
- TR ADs
- TR BCs
- RP ADs
- RP BCs
- DDavis
- EGoulbourne
- EHawkins
- ACRS (16)
- MMilligan
- JKohler
- FMcKeoen, USGS
- CStepp
- JFairobent
- XEMarkee
- RMcMullen

OFFICE ▶	x7548/L:PWR-4					
SURNAME ▶	Don Davis:cjr					
DATE ▶	10/4/73					

SITE VISIT TO BELLEFONTE NUCLEAR PLANT  
ON SEPTEMBER 19, 1973

LIST OF ATTENDEES FROM REGULATORY STAFF

A. Schwencer  
D. Davis  
J. Kohler  
C. Stepp  
J. Fairbent  
E. Markee  
R. McMullen  
E. Hawkins  
M. Milligan  
F. McKeoen, USGS