

William H. Regan, Jr.

-2-

4.4 (Socioeconomic Impacts), 5.1 (Effects of Operation of Heat Dissipation System), 5.6 (Socioeconomic Effects); and Chapters 8 (Economic and Social Effects of Plant Operation) and 11 (Summary Benefit - Cost Analysis). These sections contain information in sufficient detail to permit the staff's in-depth review.

B. J. Youngblood, Chief  
Cost-Benefit Analysis Branch  
Division of Site Safety and  
Environmental Analysis  
Office of Nuclear Reactor Regulation

cc: D. A. Nash  
S. B. Keblusek

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JUN 13 1978

MEMORANDUM FOR: William H. Regan, Jr., Chief, Environmental Projects Branch No. 2, DSE, NRR

FROM: B. J. Youngblood, Chief, Cost-Benefit Analysis Branch, ET, DSE, NRR

SUBJECT: BELLEFONTE ACCEPTANCE REVIEW

Chapter 1 provides a very detailed and thorough treatment of a traditional need for power analysis. However, the economic consequences of not having these units available is only lightly discussed in Section 1.3-1. Since the staff has adopted this as the primary need argument at the OL stage, TVA should provide the following supplemental information:

- Using WASP or other analytical tools available to you, quantify the system production costs during the scheduled first full year of commercial operation of Bellefonte Unit 1, with and without Bellefonte, Unit 1 available. Quantify the system production cost differential and identify each source of replacement energy and the average (kWh) production cost from that source. Assume no additional capacity is installed.

Perform a similar analysis for the first full year when both Bellefonte units are scheduled to be operating.

If WASP is used, submit copies of computer print-outs.

We have reviewed Sections 2.1 (Geography and Demography), 2.5 (Regional Historic, Archeological, Architectural, Scenic, Cultural and Natural Features), 3.4 (Heat Dissipation System), 4.1 (Site Preparation and Plant Construction), 4.3 (Resources Committed),

*Memorandum*

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L. Hulman  
H. Ornstein  
L. Dreher  
B. Faulkenberry, IE  
OPA

Principal Staff Participants:

J. Bennett  
L. Reiter  
S. Chan  
J. Rajan  
H. Silver  
C. Stahle



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

Docket Nos. 50-327/50-328  
50-390/50-391  
and ~~50~~-438/50-439

APR 12 1978

MEMORANDUM FOR: D. B. Vassallo, Assistant Director for Light Water Reactors, DPM

FROM: Harry Rood, Project Manager, Light Water Reactors Branch No. 2, DPM

SUBJECT: FORTHCOMING MEETING WITH TVA - SEQUOYAH, WATTS BAR AND BELLEFONTE

DATE & TIME: Friday, April 14, 1978 - 9:00 a.m.

LOCATION: Room P-500  
Bethesda, Maryland

PURPOSE: Discuss site-specific response spectra for the above plants.

PARTICIPANTS:

TVA

(J. Hunt, G. Gerse-Koch, R. Hopkins,  
R. Holt, R. Guthrie, L. Mills,  
M. Wisenberg, etc.)

NRC - STAFF

(J. Bennett, L. Reiter, C. Stepp,  
S. Chan, J. Rajan, H. Rood, H. Silver,  
C. Stahle, etc.)


*Harry Rood*

Harry Rood  
Light Water Reactors  
Branch No. 2  
Division of Project Management

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L. Dreher  
Project Manager ABournia  
B. Faulkenberry, IE  
M. Rushbrook  
NRC Participants:  
C. Miller  
R. Naventi  
J. Wilson

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MAY 02 1978

Docket Nos. 50-438  
and 50-439

MEMORANDUM FOR: Olan D. Parr, Chief, Light Water Reactors Branch  
No. 3, Division of Project Management

FROM: Anthony Bournia, Project Manager, Light Water  
Reactors Branch No. 3, Division of Project  
Management

SUBJECT: FORTHCOMING MEETING WITH TENNESSEE VALLEY AUTHORITY  
BELLEFONTE APPLICATION

DATE & TIME: Wednesday, May 10, 1978, 9:00 AM

LOCATION: Phillips Building  
Room 114

PURPOSE: To discuss applicant's schedule  
for submitting information  
regarding RPS-II.

PARTICIPANTS: Tennessee Valley Authority

L. Mills, et al.

Babcock & Wilcox

J. Taylor, et al.

NRC - Staff

T. Ippolito, C. Miller, R. Naventi,  
J. Wilson, O. Parr

Original signed by:  
Anthony Bournia

Anthony Bournia, Project Manager  
Light Water Reactors Branch No. 3  
Division of Project Management

OFFICE >	LWR #3:LPM	LWR #3:BC			
SURNAME >	ABournia/LLM	ODParr			
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W. Haass

Principal Staff Participants:

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J. Rajan  
H. Rood  
H. Silver

Docket Nos: 50-327/328  
50-390/391  
50-438/439

MAR 31 1978

**MEMORANDUM FOR:** Steven A. Varga, Chief, Light Water Reactors Branch No. 4  
Division of Project Management

**FROM:** Carl R. Stahle, Project Manager Light Water Reactors Branch  
No. 4 Division of Project Management

**SUBJECT:** FORTHCOMING MEETING WITH TVA ON SEISMIC DESIGN BASIS FOR  
SEQUOYAH, WATTS BAR, AND BELLEFONTE

**TIME & DATE:** 9:00 a.m. - 12:00 p.m.  
Wednesday, April 5, 1978

**LOCATION:** Room P-114 - Phillips Building  
Bethesda, Maryland

**PURPOSE:** To Discuss the Adequacy of the Seismic  
Designs for the three nuclear plants.

**PARTICIPANTS:**

TVA: J. Gilleland, L. Mills,  
N. Wisenburg, et al

NRC: D. Vassallo, S. A. Varga, O. Parr,  
W. Gamali, C. Stepp, L. Reiter,  
J. Bennett, J. Knight, I. Silwell,  
S. Chan, J. Rajan, H. Rood, H. Silver

Original signed by:  
C. Stahle

Carl R. Stahle, Project Manager  
Light Water Reactors Branch No. 4  
Division of Project Management

CC:  
See Next Page

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MAR 31 1978

ccs:

Herbert S. Sanger, Jr. Esq.  
General Counsel  
Tennessee Valley Authority  
400 Commerce Avenue  
E 11B 33  
Knoxville, Tennessee 37902

Mr. E. G. Beasley  
Tennessee Valley Authority  
400 Commerce Avenue  
Knoxville, Tennessee 37902

Mr. Michael Harding  
Westinghouse Electric Corporation  
P. O. Box 355  
Pittsburgh, Pennsylvania 15230

Mr. David Lambert  
Tennessee Valley Authority  
303 Power Building  
Chattanooga, Tennessee 37401

Tennessee Valley Authority  
ATTN: N. B. Hughes  
Manager of Power  
830 Power Building  
Chattanooga, Tennessee 37201

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L. Hulman  
H. Ornstein  
L. Dreher  
Project Manager WJPike  
B. Faulkenberry, IE  
M. Rushbrook  
NRC Participants:  
E. Porter  
W. Lovelace  
R. Muranaka

MAR 30 1978

Docket Nos. 50-438 ✓  
and 50-439

MEMORANDUM FOR: Olan D. Parr, Chief, Light Water Reactors Branch No. 3, DPM  
FROM: Walter J. Pike, Project Manager, Light Water Reactors  
Branch No. 3, DPM  
SUBJECT: FORTHCOMING SITE VISIT TO THE BELLEFONTE NUCLEAR PLANT

DATE: Wednesday & Thursday  
April 12 & 13, 1978

TIME: 9:30 A.M.

LOCATION: Bellefonte Nuclear Plant,  
Scottsboro, Alabama

PURPOSE: To discuss when the actual fuel  
load of Unit 1 will take place.

PARTICIPANTS:

NRC

E. Porter, W. Lovelace,  
R. Muranaka, W. Pike

TVA

J. Gilleland, et al.

Original Signed By:  
W. Pike

Walter J. Pike, Project Manager  
Light Water Reactors Branch No. 3  
Division of Project Management

OFFICE >	LWR #3 DPM	LWR #3: BC				
SURNAME >	W. Pike LLM	ODParr				
DATE >	3/30/78	3/30/78				