

SEP 23 1982

Jacket Nos.: 50-424  
and 50-425

APPLICANT: GEORGIA POWER COMPANY  
FACILITY: ALVIN W. VOGTLE NUCLEAR PLANT, UNITS 1 AND 2  
SUBJECT: MEETING SUMMARY - MILLETT FAULT STUDY

A meeting was held at the NRC headquarters in Bethesda, Maryland on September 14, 1982. The applicant was represented by Georgia Power Company, Southern Company Services, Inc. and Bechtel Civil and Minerals, Inc. The NRC was represented by the Division of Engineering (GSB, HGEB) and Licensing (LB-1), NRR. A list of attendees is enclosed.

Georgia Power Company requested this meeting to present its findings and conclusions in the Millett Fault Study, which is an extensive investigation program undertaken by the applicant in response to a U. S. Geological Survey Open File Report (82-156) that suggested the existence of a fault approximately seven miles southeast of the Vogtle facility near Waynesboro, Georgia.

During introductory remarks, the applicant emphasized that the purpose of the Millett Fault Study was to address the NRC's concern of whether or not a capable fault (one that has moved once within the last 35,000 years or has had multiple movements within the last 500,000 years) does indeed exist, not whether a fault does or does not exist. As an overview of the study, the applicant summarized its investigative program, followed by more detailed presentations and discussions of acquisition of data, drilling, field geological exploration, geophysical studies, groundwater evaluation, groundwater modeling, surface water hydrology and seismicity. The applicant concluded that none of its data and/or evaluations supported the existence of a capable fault. The final report will be submitted to the NRC in mid-October.

Following the applicant's presentation, the staff commented that the overall program was excellent in scope and detail. The staff agreed that the geological information, especially the stratigraphy as determined from core borings and down-hole geophysical logging, appeared to support the absence of a capable fault. However, the staff suggested the applicant discuss in greater detail the anomaly near Fix 13 found in the seismic reflection records for the shallow reflector and review the evidence for the continuity of the deeper reflectors.

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PDR ADOCK 05000424  
A PDR

OFFICE ▶	.....	.....	.....	.....	.....	.....	.....
SURNAME ▶	.....	.....	.....	.....	.....	.....	.....
DATE ▶	.....	.....	.....	.....	.....	.....	.....

The staff further requested that GPC: (1) provide the seismic reflection lines from the Savannah River Project, (2) use overlays of simulated with measured data on the pieziometric contour maps, and (3) compare the the USGS's measured pieziometric contour maps for both aquifers with that produced by the applicant.

The staff noted that upon receipt of the final report to the Millett Fault Study it would undertake a very rigorous, independent review, including appropriate contacts with local experts. During and/or following this review, a site visit and meeting would be held to discuss further details of the study.

If you have any questions concerning the above, please call J. Grant, Project Manager, at 301-492-7793.

Original Signed By:  
J. B. Hopkins



Jane M. Grant, Project Manager  
Licensing Branch No. 1  
Division of Licensing

Enclosure:  
List of Attendees

cc w/encl.: See next page

OFFICE	DL:LB#1	GSB	DL:LB#1				
SURNAME	JGrant JHopkins	RJackson	JYoungblood				
DATE	9/27/82	9/27/82	9/27/82				

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Project Licensing Manager  
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Shaw, Pittman, Potts and Trowbridge  
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Mr. D. O. Foster  
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Mr. James P. O'Reilly  
Nuclear Regulatory Commission  
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101 Marietta Street, Suite 3100  
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Mr. William S. Sanders  
Resident Inspector/Nuclear Regulatory Commission  
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Waynesboro, Georgia 30830

Enclosure 1

Attendees  
Meeting - Millett Fault Study  
September 14, 1982

NRC

I. Alterman  
J. Hopkins  
A. Ibrahim  
S. Brocoum  
R. Jackson  
D. Chery  
R. McMullen  
J. Grant

USGS

R. Morris

Georgia Power Company

D. Foster

Southern Company Services, Inc.

R. Thomas  
J. Bailey

Bechtel

J. Litehiser  
M. Wolff  
C. Farrell  
R. Blodmikas  
G. Segol  
C. Michniuk  
J. Cassidy  
T. Crosby  
K. Blom (Harding Lawson Assoc.)  
L. Wood (S. S. Papadopoulos & Assoc.)

MEETING SUMMARY

SEP 23 1982

Document Control (50-424/425)

NRC PDR  
L PDR  
TERA  
NSIC

LB#1 Rdg.

MRushbrook

Project Manager JGrant

Attorney, OELD

OIE

Regional Administrator, Region II

PARTICIPANTS (NRC):

IAlterman  
JHopkins  
AAbraham  
SBrocoum  
RJackson  
DChery  
RMcMullen  
JGrant