



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

DEC 15 1982

Docket Nos: 50-424
50-425

MEMORANDUM FOR: M. Miller, Project Manager

FROM: A. K. Ibrahim, Geophysicist
Seismology Section
Geosciences Branch, DE

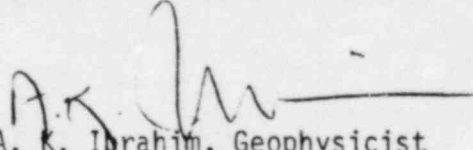
SUBJECT: MEETING SUMMARY - VOGTLE

A meeting was held at the NRC Headquarters in Bethesda, Maryland on October 29, 1982. The applicant was represented by Southern Company Services, Inc. and their consultants. The NRC was represented by the Division of Engineering (GSB) and Division of Licensing (LB-1). A list of attendees is enclosed.

Georgia Power requested this meeting to present their findings and conclusions regarding an anomaly near Fix 13 which was raised by the staff (meeting summary, September 23, 1982 attached).

A detailed presentation of record sections and discussion with the applicant's consultant provided information to support their position that there is continuity of the lower reflectors below the indicated anomaly. Continuity of the lower reflectors indicate no displacement had occurred within the last 60 million years.

We will continue to evaluate this information in our ongoing review and provide our conclusions and supporting bases in the SER report.


A. K. Ibrahim, Geophysicist
Seismology Section
Geosciences Branch

cc: R. Jackson
L. Reiter
S. Brocoum
I. Alterman
P. Sobel

XA Copy Has Been Sent to PDR

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Attendance List

NRC Staff:
E. Doolittle
I. Alterman
A. Ibrahim
S. Brocoum
R. Jackson
P. Sobel

Southern Services Company
J. Bailey

Bechtel
T. Crosby

Western Geophysical Co.
C. Savit

University of Georgia
J. Henry



UNITED STATES
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SEP 23 1982

Docket 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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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.



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

Enclosure:
List of Attendees

cc w/encl.: See next page

MEETING SUMMARY DISTRIBUTION

Docket No(s): 50-424/425

January 7, 1983

NRC/PDR

Local PDR

NSIC

PRC System

LB #4 r/f

Attorney, OELD

E. Adensam

Project Manager M. Miller

Licensing Assistant M. Duncan

NRC Participants:

E. Doolittle

I. Alterman

A. Ibrahim

S. Brocoum

R. Jackson

P. Sobel

bcc: Applicant & Service List