



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

FEB 28 1985

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Ms. Nina Bell
Nuclear Information and
Resource Service
1346 Connecticut Avenue, NW
4th Floor
Washington, DC 20036

IN RESPONSE REFER
TO FOIA-84-430

Dear Ms. Bell:

This is in further response to your letter dated May 23, 1984, in which you requested, pursuant to the Freedom of Information Act (FOIA), six categories of documents regarding the Charleston earthquake of 1886 and seismic design for the Vogtle Nuclear Power Plant.

The documents listed on enclosed Appendix B are being placed in the NRC Public Document Room (PDR).

The NRC has not completed its review of the remaining documents subject to your request. We will respond as soon as that review is completed.

Sincerely,

A handwritten signature in cursive script, appearing to read "J. M. Felton".

J. M. Felton, Director
Division of Rules and Records
Office of Administration

Enclosure: As stated

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APPENDIX B

1. 5/1/73 Note to R. DeYoung from L. Crocker re: Site Visit - Vogtle. (5 pages)
2. 6/8/73 Note to R. DeYoung from H. Denton re: Questions on geology and foundation engineering pertaining to Vogtle 1 and 2. (3 pages)
3. 2/13/74 Note to B. Grimes and W. Gammill from L. Crocker re: ACRS subcommittee meeting on the Bogtle application. (4 pages)
4. 5/7/74 Supplemental Testimony of AEC Regulatory Staff on Site Suitability. (9 pages)
5. 7/25/77 Letter to S. Varga from Georgia Power, Subject: Category I Backfill. (2 pages)
6. 11/10/77 Note to S. Varga from M. Lynch re: Meeting between southern services and NRC staff regarding proposed changes in Vogtle. (1 page)
7. 8/1980 Note to R. Murray from Tera Corporation re: seismic hazards analysis for the Savannah River Plant, South Carolina. (50 pages)
8. 1982 U.S. Department of Interior Geological Survey, "Effects of Late Cretaceous and Cenozoic Faulting on the Geology and Hydrology of the Coastal Plain near the Savannah River, Georgia, and South Carolina," by R. E. Faye and D. C. Prowell. (80 pages)
9. 2/26/82 U.S. Geological Survey Public Affairs Notice - Faulting Affects Coastal Plain South of Augusta, GA. (1 page)
10. 3/3/82 Memo to D. G. Eisenhower from R. H. Vollmer; Recommendation of ASLB Board Notification Item - Possible Change of Position by U.S. Geological Survey on the Localization of the 1886 Charleston Earthquake - Virgil C. Sumner Nuclear Plant Site. (5 pages)
11. 3/18/82 Memo to Atomic Safety and Licensing Board from R. L. Tedesco; Board Notification - Possible Change of Position by U.S. Geological Survey on the Localization of the 1886 Charleston, South Carolina, Earthquake (BN No. 82-22). (8 pages)
12. 4/26/82 Millett Fault Study Schedule. (1 page)
13. 6/1/82 Letter to J. Armbruster from D. Dulton. (1 page)
14. 6/9/82 Letter to J. Armbruster from J. A. Bailey. (1 page)

APPENDIX D

(CONTINUED)

15. 6/24/82 Letter to J. Armbruster from J. A. Bailey. (1 page)
16. 7/23/82 Memo to B. J. Youngblood from J. M. Grant; Meeting Notice - Preliminary Discussion of Millett Fault Study - Alvin W. Vogtle Nuclear Plants 1 and 2. (3 pages)
17. 7/26/82 Memo to J. P. Knight from R. E. Jackson; Vogtle Post-CP Fault Investigation. (2 pages)
18. 8/2/82 Memo to R. Jackson from I. Alterman, Subject: Visit to Vogtle July, 13-14, 1982. (3 pages)
19. 8/9/82 Letter to J. Armbruster from J. A. Bailey. (1 page)
20. 9/10/82 Note to B. Ibrihim from B. Blodnikar re: Seismic characteristics. (3 pages)
21. 9/23/82 Letter to Georgia Power Co. from J. Grant re: Meeting Summary - Millett Fault Study. (6 pages)
22. 4/17/84 Memo to E. Adensam from R. E. Jackson; Geology and Seismology Request for Further Information in the OL-SER Review of the Vogtle Site. (8 pages)
23. Undated Slides - Features Indicative of Faulting According to Faye and Prowell, 1982. (37 pages)
24. Undated Insert from book - classification of structures, components, and system - Vogtle. (9 pages)
25. Undated First Round Questions (re: Geological Structure). (1 page)



Nuclear Information and Resource Service

1346 Connecticut Avenue NW, 4th Floor, Washington, D.C. 20036 (202) 296-7552

May 23, 1984

James M. Felton, Director
Division of Rules and Records
Office of Administration
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

FREEDOM OF INFORMATION
ACT REQUEST

FOIA-84-430

Rec'd 5-29-84

FREEDOM OF INFORMATION ACT REQUEST

Dear Mr. Felton:

Pursuant to the Freedom of Information Act, 5 U.S.C. 522, as amended, the Nuclear Information and Resource Service requests the following documents regarding the Charleston Earthquake of 1886 and seismic design for the Vogtle nuclear power plant. Please consider "documents" to include reports, studies, test results, correspondence, memoranda, meeting notes, meeting minutes, working papers, graphs, charts, diagrams, notes and summaries of conversations and interviews, computer records, and any other forms of written communication, including internal NRC Staff memoranda. The documents are specifically requested from, but not limited to, the Office of the Executive Legal Director (OELD); Office of Nuclear Regulatory Research (Research); Office of Nuclear Reactor Regulation (NRR); Generic Issues Branch of the Division of Safety Technology, NRR; and the Operating Reactors Branches of the Division of Licensing. In your response, please identify which documents correspond to which requests below.

Pursuant to this request, please provide all documents prepared or utilized by, in the possession of, or routed through the NRC related to:

1. The Millett earthquake fault postulated to exist 7 miles from the Vogtle reactor site (USGS Open File Report No. 82-156);
2. The implications for the siting and seismic design of the Vogtle nuclear plant of the 1886 Charleston earthquake;
3. The development (and any subsequent reanalysis) of a Safe Shutdown Earthquake (SSE) and an Operating Basis Earthquake (OBE) for the Vogtle nuclear plant;
4. Contract No. RS-RES-84-128 "Charleston Earthquake

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Research Program";

5. All correspondence between USGS and the NRC regarding the Charleston earthquake, the Millett fault or the Vogtle nuclear plant; and
6. All NRC Staff memoranda or correspondence related to the seismic design and/or siting of the Vogtle nuclear plant.

In our opinion, it is appropriate in this case for you to waive copying and search charges, pursuant to 5 U.S.C. 552(a)(4)(A) "because furnishing the information can be considered as primarily benefiting the general public." The Nuclear Information and Resource Service is a non-profit organization serving local organizations concerned about nuclear power and providing information to the general public.

Sincerely,



Nina Bell
Nuclear Safety Analyst

cc: File