

REC 13 1974

Rocket File
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ACRS (16)

Project 512

Ohio Edison Company
ATTN: E. Lynn Firestone
President
47 North Main Street
Akron, OH 44303

RE: EPC POWER STATION, UNITS 1 AND 2

Gentlemen:

The Regulatory staff has been exploring ways to facilitate early identification and resolution of major siting considerations for some time. Such early identification of potential problems will help to minimize siting related delays in the licensing process.

For some time we have been requesting prospective applicants to notify the AEC of their intentions concerning filing about 12 months prior to the submission of an application. As an extension of that practice, we are now requesting general siting information to be submitted prior to the tendering of an application for an acceptance review.

Accordingly, would you please provide the general information identified in the enclosed listing, Initial Site Examination Information. Since we believe that most of this information will be available at the time of your site selection, please provide this information as soon as possible.

Upon receipt of this information, the Regulatory staff will review it to identify any obvious potential problem areas. The staff will then notify you of any such areas. We believe that this procedure will be useful to both you and the AEC Regulatory staff.

Sincerely,

8510160141 851001
PDR FOIA
SCHLEMM84-559 PDR

A. Giambusso, Deputy Director
for Reactor Projects
Directorate of Licensing

Enclosure:

Initial Site Examination Information	Unit 2	L: TESS	L: TESS	L: ADLWR	L: TESS
	D. Eisenhut: of	H. Denton	F. Schroeder	V. Moore	A. Gammill
CC: Mr. A. H. Monahan	8/6/74	8/6/74	8/6/74	8/6/74	8/6/74
DATE: Chief Nuclear Engineer					

II. INITIAL SITE EXAMINATION INFORMATION

I. ~~Facility~~

A. ~~Type~~ of Facility (PWR, BWR, or HTGR)

B. ~~Power~~ Level

- 1 Thermal
- 2 Electrical
- 3 Stretch Thermal

C. ~~Latitude~~ and Longitude (seconds)

D. ~~Grid~~ Coordinate No. and Zone

II. ~~Population~~ Density

A. ~~Population~~ Center

- 1 Name
- 2 Population
- 3 Distance

B. ~~Population~~ Density @ 30 mi. (1980 and 2020)

C. ~~Exclusion~~ Distance

D. ~~LPZ~~ Distance

III. ~~Nearby~~ Industrial, Transportation and Military Facilities

A. ~~Nearest~~ Distance to:

1. Commercial or Military Airport

- a. No. of Annual Operations
- b. Major Runway Orientation

2. Major Highway

3. Major Railroad

4. Gas Pipeline

5. Waterway

6. Military Facility

B. Other

IV. Foundation

- A. Type (Rock, Soil, or Fill)
- B. Depth, If Soil
- C. Soil Type
- D. Depth to Water Table

V. Seismology

- A. Seismotectonic Province
- B. SSE Intensity
- C. "g" Value
- D. Intensity--Acceleration Relationship
- E. Nearest Fault
 - 1. Distance
 - 2. Age of Most Recent Movement
 - 3. Length

VI. Meteorology

- A. Nearest Meteorological Data Station
- B. Estimated X/Q, 0-2 Hour @ ER
- C. Estimated X/Q, Annual Average @ Site Boundary
- D. Date of Initiation of On-site Program

VII. Hydrology

- A. Plant Grade Level
- B. Estimate Design Basis Flood Level
- C. Source of UHS Water
- D. Nearest Down-gradient Well
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D. BUNKER
AAB

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HMB

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L. STAPP
35B

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