

Docket No. 50-346 A

FEB 25 1971

Distribution:  
Public Document Room, w/encl  
REG Central Files (Docket), w/encl  
STRobinson (Docket), w/encl  
OGC Files  
DR Reading  
DRL  
AAWells  
BHSchur  
HSteele (2)  
RTedesco

The Toledo Edison Company  
420 Madison Avenue  
Toledo, Ohio 43601

Attention: Mr. Glenn J. Sampson  
Vice President, Power

Gentlemen:

The Attorney General has determined that further information as requested in the attachment to this letter is appropriate at this time in connection with his review, pursuant to section 105 c. of the Atomic Energy Act of 1954, as amended (the Act), of the application for a construction permit for your proposed facility.

In accordance with subsection 105 c.(4) of the Act, 10 CFR 50.30, and 10 CFR 50.33(k), within 25 days from the date of this letter please submit the requested information to us as an amendment to your application, except that in addition to three signed originals twelve copies will be required.

Sincerely yours,

Peter A. Morris, Director  
Division of Reactor Licensing

Enclosure:  
As stated

cc: Donald H. Hauser, Esq.  
The Cleveland Electric Illuminating Company  
P. O. Box 5000, Room 610  
Cleveland, Ohio 44101

Gerald Charnoff, Esq.  
Shaw, Pittman, Potts, Trowbridge & Madden  
910 17th Street, N. W.

OFFICE ▶	Washington, D. C. 20006	OGC	DRL
SURNAME ▶		BHSchur:mka	PAMorris
DATE ▶		2/24/71	2/ 1/71

8002180 142

M

ATTACHMENT

Definitions

"Applicant" means the entity applying for authority to construct or operate subject unit and each corporate parent, subsidiary and affiliate. Where application is made by two or more electric utilities not under common ownership or control, each utility should set forth separate responses to each item herein.

"Subject unit" means the nuclear generating unit or units for which application for construction or operation is being made.

"Electric utility" or "system" means any entity owning, controlling or operating facilities for the generation or transmission or distribution of electric power.

"Coordination" means any arrangement between two or more systems for generation and transmission planning, or operation of two or more interconnected electric

utilities not under common ownership or control, including but not limited to arrangements for sharing operating and installed reserves, arrangements for joint or staggered construction of generating facilities, economy energy transactions, capacity transactions based on load diversities, thermal-hydro generation pooling, common maintenance arrangements, and joint use of transmission facilities or wheeling.

"Coordinating power and energy" means energy transmitted in accordance with an arrangement for coordination including but not limited to emergency power, economy energy, deficiency power and associated energy, and maintenance power and energy.

Except where specifically mentioned otherwise, the term "reserve generating capacity" or "reserves" shall refer to installed reserves in contrast to spinning or operating reserves.

1. State separately for hydroelectric and thermal generating resources applicant's most recent peak load and dependable capacity for the same time period. State applicant's dependable capacity at time of system peak for each of the next ten years for which information is available. Identify each new unit or resource.

2. State applicant's estimated annual load growth for each of the next 20 years or for the period applicant utilizes in system planning.

3. State estimated annual load growth of companies or pools upon which the economic justification of the subject unit is based for each of the next 20 years or for the period applicant utilizes in system planning. Identify each company or pool member.

4. For the year the subject unit would first come on line, state estimated annual load growth of any coordinating group or pool of which the applicant is a member (other than the coordinating group or pool referred to in the applicant's response to Item 3) which has generating and/or transmission planning functions. Identify each company or pool member whose loads are indicated in the response hereto.

5. State applicant's minimum installed reserve criterion (as a percentage of load) 1/ for the period when the subject unit will first come on line. If applicant shares reserves with other systems, identify the other systems and provide minimum installed reserve criterion (as a percentage of load) 1/ by contracting parties or pool for the period when the proposed unit will first come on line.

6. Describe methods used as a basis to establish, or as a guide in establishing the criteria for applicant's and/or applicant's pool's minimum amount of installed reserves. [e.g., (a) single largest unit down, (b) probability methods such as loss of load one day in 20 years, loss of capacity once in 5 years, (c) other methods and/or (d) judgment. List contingencies other than risk of forced outage that enter into the determination.]

7. Indicate whether applicant's system interconnections are credited explicitly or implicitly in establishing applicant's installed reserves.

---

1/ Indicate whether loads other than peak loads are considered.

8. List rights to receive emergency power and obligations to deliver emergency power, rights or obligations to receive or deliver deficiency power or unit power, or other coordinating arrangements; by reference to applicant's Federal Power Commission (FPC) rate schedules (i.e., ABC Power & Light Co., FPC Rate Schedule No. 15 including supplement 1-5) 2/, and also by reference to applicant's state commission filings. Where documents are not on file with the FPC, supply copies, or where not reduced to writing describe arrangements. Identify for each such arrangement the participating parties other than applicant. Provide one line electrical and geographic diagrams of coordinating groups or power pools (with generation or transmission planning functions) of which applicant's generation and transmission facilities constitute a part.

9. List non-affiliated 3/ electric utility systems with peak loads smaller than applicant's which serve either at wholesale or at retail

---

2/ List separately and identify certificates of concurrence.

3/ Systems not in the same holding company system.

adjacent to areas served by applicant. Provide a geographic one line diagram of applicant's generation and transmission facilities (including sub-transmission), indicating the location of adjacent systems and as to such systems indicate (if available) their load, their annual load growth, their generating capacity, their largest thermal generating unit size, and their minimum reserve criteria.

10. List separately those systems in Item 9 which purchase from applicant (a) all bulk power supply and (b) systems which purchase partial bulk power supply requirements. Where information is available to applicant, identify those Item 9 systems purchasing part or all of their bulk power supply requirements from suppliers other than applicant.

11. State as to all power generated and sold by applicant the most recent average cost of bulk power supply experienced by applicant (a) at site of generating facilities, (b) at the delivery points from the primary transmission (backbone) system, (c) at delivery points from the secondary transmission system, and (d) at delivery points from the distribution system, in terms of dollars per kilowatt per year, in mills per kilowatt-hour,

and in both the kilowatt costs and kilowatt hour costs divided by the kilowatt hours. If wholesale sales are made at varying voltages, indicate average cost at each voltage.

(12) State (a) for generating facilities and (b) for transmission subdivided by voltage classes, the most recent estimated cost of applicant's bulk power supply expansion program of which the subject unit is a part, in terms of dollars per kilowatt/per year, in mills per kilowatt hour and in both the kilowatt costs and kilowatt hour costs divided by the kilowatt hours.

(13) List and describe all requests for inter-connection and/or coordination and for purchases or sales of coordinating power and energy from adjacent utilities listed in Item 9 since 1960 and state applicant's response thereto. List and describe all requests for supply of full or partial requirements of bulk power for the same period and state applicant's response thereto.

(14) List (a) agreements to which applicant is a party (reproducing relevant paragraphs) and (b) state laws (supply citations only), which restrict or preclude coordination by, with, between, or among any electric utilities or systems identified in applicant's response to Items 8 and 9. List (a) agreements to which the applicant is a party (re-



producing relevant paragraphs) and (14) state laws (supply citations only) which restrict or preclude substitution of service or establishment of service of full or partial bulk power supply requirements by an electric utility other than applicant to systems identified in Items 8 and 9. Where the contract provision appears in contracts or rate schedules on file with a federal agency, identify each in the same form as in previous responses. Where the contract has not been filed with a federal agency, a copy should be supplied unless it has been supplied pursuant to another item hereto. Where it is not in writing, it should be described.

(15) State, at point of delivery, average future costs of power purchased from applicant to adjacent systems identified in applicant's response to Item 9 in terms of dollars/month/kw for capacity, mills/kwh for energy and mills/kwh for both power and energy at purchaser's present load factor (a) at present load, (b) at 50% increase over present load, (c) at 100% increase over present load, and (d) at 200% increase over present load. [All costs should be determined under present rate schedules.] Where sales are made under contracts or rate schedules on file with a federal agency and not included in the response to Item 9, identify each in the same

form as in previous responses. Where the contract has not been filed with a federal agency, a copy should be supplied.

(16) State whether applicant has prepared, caused to be prepared, or received engineering studies for generation and transmission expansion programs which include loads of each system in Item 9.

17. List adjacent systems to which applicant has offered to sponsor or to conduct system surveys in contemplation of an offer by applicant to purchase, merge or consolidate with said adjacent system, subsequent to January 1, 1960.

18. List applicant's offers or proposals to purchase, merge or consolidate with electric utilities, subsequent to January 1, 1960.

19. List all acquisitions of or mergers or consolidations with electric utilities by applicant, subsequent to January 1, 1960, including:

a. The name and principal place of business of the system prior to the acquisition, merger or consolidation;

b. The date the acquisition merger or consolidation was consummated;

c. Gross annual revenue and most recent peak load, dependable capacity and the

largest thermal generating unit of the system, prior to the date of consummation.