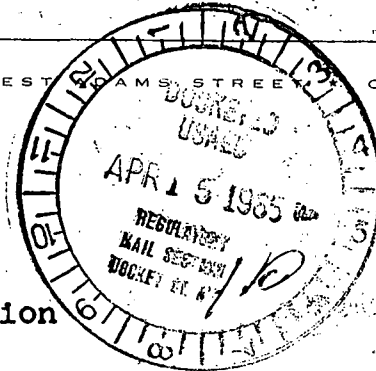


Commonwealth Edison Company

72 WEST MADISON STREET CHICAGO, ILLINOIS 60680



April 15, 1965

Atomic Energy Commission
Washington 25, D.C.

Attention: Division of Reactor Licensing

Application for Construction Permit
and Operating License for Dresden Unit 2

(Formal)
File Copy

In accordance with the provisions of Title 10, Chapter 1, Part 50 of the Code of Federal Regulations, Commonwealth Edison Company hereby makes application for a construction permit and operating license for its proposed Dresden Unit 2, a utilization facility to be located at Commonwealth Edison Company's Dresden Station near Morris, Illinois.

In addition to three signed originals, this filing includes 19 copies of the application, except that the technical information being supplied in accordance with Section 50.34 of the Regulations is supplied in 70 copies. Except for certain introductory material, the technical information supplied herewith is only that required by Paragraphs (c) and (f) of Section 50.34. The remaining required information will be supplied in the near future.

COMMONWEALTH EDISON COMPANY

see Reports Section for specs!
By Murray Joslin
Vice-President

Subscribed and sworn to
before me this 15th day
of April, 1965.

Thomas J. Gould
Notary Public



Commonwealth Edison Company

Application for
Construction Permit and
Operating License
for Dresden Unit 2

General Information

(a) Name of Applicant

Commonwealth Edison Company

(b) Address of Applicant

72 West Adams Street
Chicago, Illinois 60690

(c) Description of Business of Applicant

Commonwealth Edison Company (hereinafter "Commonwealth") is a public utility which generates, distributes, and sells electricity in Chicago and in a large portion of northern Illinois outside Chicago. It serves about 2,230,300 customers in an area of approximately 11,000 square miles with a population of about 6,900,000.

(d) Corporate Data

Commonwealth is incorporated under the laws of the State of Illinois, which is its principal location of business. It is not owned, controlled, or dominated by an alien, foreign corporation, or foreign government. It makes this application on its own behalf, and not as agent or representative of another person. The names and addresses of its directors and principal officers, all of whom are American citizens, follow:

<u>Name</u>	<u>Position</u>	<u>Address</u>
John A. Barr	Director	619 West Chicago Avenue Chicago, Illinois 60607
Joseph L. Block	Director	30 West Monroe Street Chicago, Illinois 60603
Lowell T. Coggeshall	Director	950 East 59th Street Chicago, Illinois 60637
Albert B. Dick III	Director	5700 West Touhy Avenue Chicago, Illinois 60648
John W. Evers	Director	72 West Adams Street Chicago, Illinois 60690

<u>Name</u>	<u>Position</u>	<u>Address</u>
Willis Gale	Director	72 West Adams Street Chicago, Illinois 60690
David M. Kennedy	Director	231 South LaSalle Street Chicago, Illinois 60690
Brooks McCormick	Director	180 North Michigan Avenue Chicago, Illinois 60601
Edward Byron Smith	Director	50 South LaSalle Street Chicago, Illinois 60690
Leroy S. Stephens	Director	Ridgeway Avenue Aurora, Illinois 60507
J. Harris Ward	Director & Chairman	72 West Adams Street Chicago, Illinois 60690
Morgan F. Murphy	Chairman of the Executive Com- mittee	72 West Adams Street Chicago, Illinois 60690
Gordon R. Corey	Chairman of the Finance Com- mittee	72 West Adams Street Chicago, Illinois 60690
Thomas G. Ayers	President	72 West Adams Street Chicago, Illinois 60690
Murray Joslin	Vice-President	72 West Adams Street Chicago, Illinois 60690
Nicholas Galitzine	Vice-President	72 West Adams Street Chicago, Illinois 60690
Laurence E. Pierron	Vice-President	72 West Adams Street Chicago, Illinois 60690
Hubert H. Nexon	Vice-President	72 West Adams Street Chicago, Illinois 60690
Ludwig F. Lischer	Vice-President	72 West Adams Street Chicago, Illinois 60690
William H. Colwell	Secretary	72 West Adams Street Chicago, Illinois 60690
D. Robert Bower	Treasurer	72 West Adams Street Chicago, Illinois 60690
Grant H. Wier	Comptroller	72 West Adams Street Chicago, Illinois 60690

- (e) 1. Class of license applied for.
Commonwealth requests a class 104(b) construction permit and operating license.
2. Use to which the facility will be put.
Commonwealth will use its proposed Dresden 2 facility for the generation of electrical energy.
3. Period of time for which the license is sought.
Commonwealth seeks a license for forty years from the date of issuance of the construction permit.
4. Other licenses.
Commonwealth herewith applies for appropriate by-product, source, and special nuclear material licenses in connection with the proposed Dresden 2 facility.

(f) Financial Qualifications

Commonwealth's financial qualifications have been described in its application as amended for AEC license DPR-2 and approved by the decision issued November 12, 1959 in AEC Docket 50-10. A more current demonstration of its financial qualifications may be found in the attached annual report for the year 1964.

(g) Technical Qualifications

Commonwealth's technical qualifications have been set forth in its application as amended for AEC license DPR-2 and in the evidence submitted in AEC Docket 50-10. Commonwealth's technical qualifications have been further demonstrated by the continuous successful operation of Dresden 1 for approximately five years. A detailed statement of organization and qualifications of personnel to be involved in the operation of Dresden 2 will be submitted subsequently.

(h) Completion Dates

The earliest completion date for Dresden 2 is estimated to be August 1, 1968, and the latest June 1, 1969.

(i) Restricted Data

Commonwealth agrees that it will not permit any individual to have access to Restricted Data until the Civil Service Commission shall have made an investigation and report to the Commission on the character, associations, and loyalty of such individual, and the Commission shall have determined that permitting such person to have access to Restricted Data will not endanger the common defense and security.