

AN APPLICATION SUBMITTED BY NORTHEAST
UTILITIES SERVICE COMPANY, AS AGENT
FOR THE CONNECTICUT LIGHT AND POWER
COMPANY AND THE HARTFORD ELECTRIC LIGHT
COMPANY FOR A CERTIFICATE OF ENVIRONMENTAL
COMPATIBILITY AND PUBLIC NEED WITH RESPECT
TO THE CONSTRUCTION OF AN OVERHEAD 345KV
ELECTRIC TRANSMISSION LINE BETWEEN THE
MILLSTONE POINT GENERATING STATION, IN
WATERFORD, AND THE MANCHESTER SUBSTATION,
IN MANCHESTER :

POWER FACILITY
EVALUATION COUNCIL
MAY 17, 1978

F I N D I N G S O F F A C T

I. PROCEDURES

1. The Connecticut Light and Power Company (CL&P) and the Hartford Electric Light Company (HELCO), acting by their agent, Northeast Utilities Service Company (NUSCO), in accordance with the provisions of section 16-501 of the General Statutes of Connecticut, Revision of 1958, revised to 1977, as amended, applied to the Power Facility Evaluation Council on July 18, 1977, for a certificate of environmental compatibility and public need for the construction of an overhead 345kv electric transmission line between the Millstone Point Generating Station, in Waterford, and the Manchester Substation, in Manchester along a route in the towns of Waterford, Montville, Bozrah, Franklin, Lebanon, Columbia, Andover, Hebron, Glastonbury, and Manchester.
(Record)
2. The fee prescribed in section 16-50v-1(b) of the Regulation of Connecticut State Agencies accompanied the application.
(Record)
3. The application, which included a two-volume report, was accompanied by proof of service as required by section 16-501(b) of said General Statutes of the State of Connecticut.
(Record)
4. Affidavits of newspaper notice as required by Statute and section 16-501-1 of the Regulations of Connecticut State Agencies were also filed with the application.
(Record)

5. Pursuant to section 16-50m of said General Statutes of the State of Connecticut, the Power Facility Evaluation Council, after giving due notice thereof, held a public hearing at the Yeomans Hall, Columbia, on November 29 and 30, 1977.
(Record)
6. The parties to the proceeding are the applicants, the Connecticut Light and Power Company and the Hartford Electric Light Company, and those other persons and organizations whose names are listed in the Decision and Order which accompanies these findings.
(Record)
7. Upon receipt of the application, the Council retained Cahn Engineers, Inc., of Wallingford, Connecticut, to advise the Council.
(Record)
8. The following state agencies filed written comments with the Council pursuant to section 16-50j(f) of the General Statutes of the State of Connecticut: the Department of Environmental Protection, the Department of Health, the Public Utilities Control Authority, the Office of Policy and Management, the Department of Commerce, and the Department of Transportation.
(Record)
9. On October 18 and 24, 1977, members of the Council made ground inspections of the proposed route and the alternatives for the proposed line. Additional inspections were made at various times.
(Record)

II. NEED

10. Three 345kV transmission lines presently carry the output of Millstone Units No. 1 and No. 2 from the Millstone Point Generating Station.
(TR 11-29 pg. 20)
11. These three 345kV transmission lines are sufficient to carry the output of Millstone Units No. 1 and No. 2 in conformance with the applicable design criteria of the Northeast Power Coordinating Council (NPCC) and the New England Power Pool (NEPOOL).
(TR 11-29 pg. 20; TR 11-30 pg. 291)
12. Northeast Utilities proposes to construct a new 345kV transmission line from Millstone Point Generating Station to Manchester Substation.
(NUSCO ex. No. 1 Summary Sheet)

13. In 1974 when Millstone Unit No. 3 was certified by the Council, the scheduled completion date was 1979.
(NUSCO ex. No. 8 pg. 1; NUSCO ex. No. 1 pg. 2)
14. In July 1977 when NUSCO submitted the present application, for certification of a 345kV transmission line between Millstone Point Station and Manchester Substation, the completion date, scheduled by Northeast Utilities, for Millstone Unit No. 3 was 1982.
(NUSCO ex. No. 1 pg. 2)
15. In November 1977 when the public hearing was held on this application, the completion date, scheduled by Northeast Utilities, for Millstone Unit No. 3 was May 1, 1986.
(NUSCO ex. No. 8 pg. 5; TR 11-29 pg. 9)
16. Northeast Utilities does not plan to take any further steps to work on the proposed 345kV transmission line until approximately 48 months prior to the time Millstone Unit No. 3 is scheduled to be completed. Thus, no further work in connection with the proposed line is anticipated until May 1, 1982.
(TR 11-29 pg. 14 & 15; NUSCO ex. No. 2 Question No. 17 which was asked 9-30 and answered 10-12; NUSCO ex. No. 8 pg. 5; NUSCO ex. No. 1 pg. 4)