

THE COMMONWEALTH OF MASSACHUSETTS
WATER RESOURCES COMMISSION
DIVISION OF WATER POLLUTION CONTROL
LEVERETT SALTONSTALL BUILDING
BOSTON, MASSACHUSETTS 02202

U. S. ENVIRONMENTAL PROTECTION AGENCY
ENFORCEMENT DIVISION, PERMITS BRANCH
REGION I
JOHN F. KENNEDY FEDERAL BUILDING
BOSTON, MASSACHUSETTS 02203

JOINT PUBLIC NOTICE OF ISSUANCE OF FEDERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT(S) UNDER SECTION 402 OF THE FEDERAL WATER POLLUTION CONTROL ACT (FWPCA)

PUBLIC NOTICE NUMBER: MA -117 - 75

PUBLIC NOTICE ISSUE DATE: November 25, 1974

APPLICANT INFORMATION

- 1) APPLICANT NAME: Cambridge Electric Light Company
Kendall Square Station

MAILING ADDRESS: 265 First Street
Cambridge, Massachusetts

APPLICATION NUMBERS: MA0004898
(07Y0003000866)
State Application No.: 25 FACT SHEET PREPARED

This facility is engaged in the operation of a fossil fueled steam power plant (SIC 4911) for the purpose of producing, transmitting and distributing electric energy. The application pertains to two existing discharges (average flow is 70,000,000 gallons per day), consisting of condenser cooling water. These discharges are into the Charles River, a Class C water, at a point north of Long-fellow Bridge, Cambridge, Massachusetts. One of the conditions of the proposed permit requires that the temperature of these discharges shall at no time exceed a maximum of 105°F and at no time exceed a 20°F rise over the temperature of the intake water. The proposed permit also prohibits the discharge of chemical cleaning wastes. This permit will expire as written October 1, 1979.

- 2) APPLICANT NAME: Cambridge Electric Light Company
Blackstone Street Station

MAILING ADDRESS: 46 Blackstone Street
Cambridge, Massachusetts

APPLICATION NUMBERS: MA0004901
(07Y0003000867)
State Application No.: 47 FACT SHEET PREPARED

This facility is engaged in the operation of a fossil fueled steam power plant (SIC 4911) for the purpose of producing, transmitting and distributing electric energy. The application pertains to one existing discharge (average flow is 24,500,000 gallons per day), consisting of condenser cooling water. This discharge is into the Charles River, a Class C water, at a point south of Western Avenue, Cambridge, Massachusetts. One of the conditions of the proposed permit requires that the temperature of the discharge shall at no time exceed a maximum of 105°F and at no time exceed a 20°F rise over the temperature of the intake water. The proposed permit also prohibits the discharge of chemical cleaning wastes. This permit as written shall expire September 1, 1979.

SIGNIFICANT CHANGES IN DRAFT PERMIT

Notice is hereby given, following public notice of proposed issuance on September 24, 1974 and consideration of all comments received, of a determination to issue an NPDES permit covering this facility. The permit will become effective on December 23, 1974 (45 days after the date on which the permit was signed) unless the Regional Administrator of EPA and the Director of the MDWPC grants a request for an adjudicatory hearing. (Procedures for requesting an adjudicatory hearing are provided in this notice.)

The final permit contains the following substantial changes from conditions appearing in the draft permit which was the subject of the notice mentioned above:

(1) Chlorine - The final permit limits the daily discharge of free available chlorine to an average of 0.2 milligrams per liter and maximum of 0.5 milligrams per liter. Neither free available chlorine nor total residual chlorine may be discharged from any one unit for more than two hours in any one day and not more than one unit may discharge free available or total residual chlorine at any one time. The discharge limitations on free available chlorine shall be achieved for each cooling water or wastewater stream before dilution with other cooling water or waste water streams.

(2) Thermal Limits - There shall be no thermal limits upon discharges from this facility. This is an "old unit" as defined in the final guidelines of October 8, 1974. The definition allows open cycle units of less than 500 megawatts that were in service prior to January 1, 1974 to be exempt from thermal limits.

FINAL DETERMINATIONS

Final determinations regarding the effluent limitations and other conditions to be imposed on the Federal NPDES permit have been made by the U.S. Environmental Protection Agency (EPA) and the Massachusetts Division of Water Pollution Control (MDWPC). The limitations imposed will assure that State water quality standards and applicable provisions of the FWPCA will be met.

FURTHER INFORMATION

Fact sheets (describing among other things, the location of the discharge; the present discharge in quantitative terms; proposed effluent limitations to be contained in the permit; applicable effluent and water quality standards; and, procedures governing public participation in the formulation of final determinations) may be obtained at no cost by writing or calling the EPA. (Fact sheets are normally compiled only if the discharge has a total volume of more than 500,000 gallons on any day of the year.) The complete application, permit and other information are on file and may be inspected at the DWPC or EPA, Boston offices. Copies, obtained by calling (617)223-5061, will be made at a cost of 20¢ per page from 9:00 a.m. to 5:00 p.m., Monday through Friday.

ADJUDICATORY HEARINGS

Within ten (10) days of the date of receipt of the final determinations, any interested person may request an adjudicatory hearing of the Regional Administrator in accordance with the provisions of 40 C.F.R. §125.36(b) and (c), 39 FR 27081. A similar request should also be filed with the Director within thirty (30) days of the date of receipt of the final determinations in accordance with the provisions of the Massachusetts Administrative Procedure Act and the Division's Rules for the Conduct of Adjudicatory Proceedings.

Thomas C. McMahon, Director
Massachusetts Division of Water
Pollution Control

Jeffrey G. Miller, Director
Enforcement Division
Environmental Protection Agency

8. 569

Comm. from the U. S. Environmental Agency
relative to issuance of permit to the
Cambridge Electric Light Company relative
to discharges in the Charles River on a
daily basis.

ATTN BARBARA ACKERMAN
795 MASSACHUSETTS AVENUE
CITY HALL
CAMBRIDGE MASS 02139

In City Council,

November 25, 1974

Placed on file