



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

STATE OFFICE BUILDING • HARTFORD, CONNECTICUT 06115

PHONE: 566-5612

Petition No. 72

Derby, Connecticut

September 21, 1981

Mr. Tait, Dr. Horsfall, and Duncan Reid met Mr. CcCallum and Mr. Szarmach of the Eveready Machinery Company for a field review of Petition No. 72.

The Eveready Machinery Company proposes to redevelop an existing lowhead hydroelectric plant located on the east bank of the Housatonic River just south of the Derby Dam in Derby, Connecticut. According to the applicant, the building was an old hydroelectric and oil fired facility which produced electricity until approximately 1960 when it was purchased for other industrial uses. Apparently a business failure resulted in the state purchasing the property. The Eveready Machinery Company proposes to purchase the building from the state and refurbish it to tap hydro power from a canal on the east side of Roosevelt Drive (Route 34).

The canal is owned by a subsidiary of CL&P company and the flow through the canal is controlled from gates at the Derby dam.

Mr. McCallum is presently negotiating with Northeast Utilities to insure that sufficient water flows are maintained in the canal to make the project profitable.

The facility consists of gates at the canal east of Roosevelt Drive, two seven foot diameter penstocks leading to a large holding tank located just above two turbine bays. Water is discharged into the Housatonic River from the south end of the building approximately 30 yards north of the canal discharge area. The facility provides a 20 foot head; the applicant must purchase and install two 500 mw turbine generators for a total output of 1 MW.

Duncan C. Reid
Environmentalist

September 23, 1981