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United States of America

FEDERAL COMMUNICATIONS COMMISSION

FM BROADCAST STATION LICENSE



Official Mailing Address:

CONNECTICUT PUBLIC BROADCASTING, INC
240 NEW BRITAIN AVENUE
HARTFORD, CT 06126

Authorizing Official:

Dale E. Bickel
Dale E. Bickel
Supervisory Engineer, FM Branch
Audio Services Division
Mass Media Bureau

Grant Date: 24 FEB 1992

Call sign: WPKT

This license expires 3:00 am.
local time: April 01, 1998

License File No.: BLED-910222KC

This license covers Permit No.: 890407MB

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Name of Licensee:

CONNECTICUT PUBLIC BROADCASTING, INC.

Station Location:

CT-MERIDEN

Call sign: WPKT

License No.: BLED-910222KC

Frequency (MHz): 90.5

Channel: 213

Class: B

Hours of Operation: Unlimited

Main Studio Address:

CT-240 NEW BRITAIN AVENUE, HARTFORD

Transmitter location (address or description):

WEST PEAK, MERIDEN MOUNTAIN, MERIDEN, NEW HAVEN COUNTY,
CONNECTICUT

Remote control point address:

CT-240 NEW BRITAIN AVENUE, HARTFORD

Transmitter: Type accepted. See Sections 73.1660, 73.1665 and 73.1670
of the Commission's Rules.

Transmitter output power (kW): 5.8

Antenna type: (directional or non-directional): Directional

Desc: HARRIS FMD-2A, 2 SECTIONS DIRECTIONAL ANTENNA HORIZONTALLY
POLARIZED AND VERTICALLY POLARIZED POLE-MOUNTED ON A TOWER.

Antenna coordinates: North Latitude: 41 33 42.0
West Longitude: 72 50 41.0

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the horizontal plane (kW) :	18.5	13.5
Height of radiation center above ground (meters) :	45.0	43.0
Height of radiation center above mean sea level (meters) :	351.0	349.0

Height of radiation center above
average terrain (meters) : 251.0 249.0

Overall height of antenna structure above ground (including obstruction
lighting, if any) : 55.0 meters

Obstruction marking and lighting specifications for antenna
structure:

It is to be expressly understood that the issuance of these specifications
is in no way to be considered as precluding additional or modified marking
or lighting as may hereafter be required under the provisions of Section
303(q) of the Communications Act of 1934, as amended.

None Required

Special operating conditions or restrictions:

The relative field strength of neither the measured
horizontally nor vertically polarized radiation component
shall exceed at any azimuth the value indicated on the
radiation pattern authorized.

A relative field strength of 1.0 on the radiation pattern
herein authorized corresponds to the following effective
radiated power:

18.5 kilowatts.

Principal minima and their associated field strength limits:

- 20 degrees True: 1.0 kilowatts
- 75 degrees True: 6.3 kilowatts
- 225 degrees True: 2.6 kilowatts
- 308 degrees True: 6.3 kilowatts
- 348 degrees True: 1.55 kilowatts