



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**FM BROADCAST STATION CONSTRUCTION PERMIT**

Authorizing Official:

Official Mailing Address:

KATAHDIN COMMUNICATIONS, INC.  
P.O. BOX 1240  
LAKE ROAD  
MILLINOCKET ME 04462

Dale E. Bickel  
Senior Engineer  
Audio Division  
Media Bureau

Facility ID: 33470

Grant Date: November 18, 1988

Call Sign: WSYF-FM

This permit expires 3:00 a.m.  
local time, May 18, 1990.

Permit File Number: BPH-19880815IL

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Name of Permittee: KATAHDIN COMMUNICATIONS, INC.

Station Location: ME-MILLINOCKET

Frequency (MHz): 94.9

Channel: 235

Class: C2

Hours of Operation: Unlimited

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

Transmitter output power: As required to achieve authorized ERP.

Antenna type: Non-Directional

Antenna Coordinates: North Latitude: 45 deg 42 min 58 sec  
West Longitude: 68 deg 47 min 54 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	23.5	23.5
Maximum effective radiated power (kW):	25.0	25.0
Height of radiation center above ground (Meters):	44	44
Height of radiation center above mean sea level (Meters):	374	374
Height of radiation center above average terrain (Meters):	211	211

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 61 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:

1 \*\*\*\*\*  
THIS GRANT IS CONDITIONED UPON SUBMISSION OF THE  
FILING FEE FOR MINOR CHANGE APPLICATION BPH-880815IL,  
UPON BEING BILLED BY THE COMMISSION'S FEE SECTION.  
SEE LETTER DATED SAME DATE AS THIS AUTHORIZATION.  
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PERMITTEE SHALL SUBMIT A COPY OF THE VERTICAL PLANE  
RADIATION PATTERN FOR THE -.75 DEGREE BEAM TILT  
ANTENNA WITH THE FCC FORM 302 APPLICATION FOR  
LICENSE.  
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\*\*\* END OF AUTHORIZATION \*\*\*