

R. M. SMITH ASSOCIATES
BROADCAST TECHNICAL CONSULTANTS
4267 NW FEDERAL HIGHWAY #120 - JENSEN BEACH, FL 34957
(772) 335-0688 FAX (772) 335-1438
E-MAIL Rmsradio@aol.com

**APPLICATION FOR CONSTRUCTION PERMIT
WTPL(FM) - 299A
HILLSBORO, NH**

EXHIBIT 29

PROPOSED SITE

The proposed site is an existing tower. No other broadcast facilities are located on the tower.

RF EXPOSURE

Utilizing the F.C.C. OET's FMMODEL computer program, the operating ERP and antenna height for the proposed operation of WTPL(FM), calculations were made of the maximum RF field at 2 meters above ground.

<u>STATION</u>	<u>ERP</u>	<u>ANTENNA HEIGHT AGL</u>	<u>ANTENNA TYPE</u>
WTPL(FM)	1.25 kW	34 m	Shively 6810-3R-SS-DA

The calculations resulted in a maximum field of 3.37 uW/cm^2 at a distance of 93.6 meters from the base of the tower. This is well below the Guideline limit for general public of 200 uW/cm^2 . All other users at the site are low power, utilizing narrow vertical beam antennas with little impact on total levels at the ground.

The applicant understands that RF levels in excess of the Guidelines will exist on the tower in the vicinity of the antenna and will in cooperation with other users at the site limit worker exposure through reduction of power or cessation of operation to allow workers access for maintenance.