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United States of America

FEDERAL COMMUNICATIONS COMMISSION

FM BROADCAST STATION CONSTRUCTION PERMIT



Official Mailing Address:

TEMPLE UNIV OF THE C/WEALTH SYSTEM
BROAD ST MONTGOMERY AVE
PHILADELPHIA, PA 19122

Authorizing Official:

Vilma F. Anderson

Vilma F. Anderson
Supr Applications Examiner, FM Branch
Audio Services Division
Mass Media Bureau

Grant Date: June 21, 1991

Call sign: WRTX

This permit expires 3:00 am.
local time: December 21, 1992

Permit File No.: BPED-900116MF

This authorization re-issued to reflect a call sign change from 900116MF to WRTX effective 7/12/91.

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.

This permit shall be automatically forfeited if the station is not ready for operation within the time specified (date of expiration) or within such further time as the Commission may allow, unless completion of the station is prevented by causes not under the control of the permittee. See Sections 73.3598, 73.3599 and 73.3534 of the Commission's Rules.

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

Name of permittee:

TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER
EDUCATION

Station Location:

DE-DOVER

Frequency (MHz): 91.7

Channel: 219

Class: A

Hours of Operation: Unlimited

Transmitter location (address or description):

DE-1.2 KM SOUTH OF THE INTERSECTION OF COUNTY ROAD 100 AND
US ROUTE 13, NEAR DOVER.

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: (directional or non-directional): Non-directional

Antenna coordinates: North Latitude: 39 11 30.0
West Longitude: 75 33 46.0

Vertically
Polarized
Antenna

Effective radiated power in the
horizontal plane (kW) : 0.71

Height of radiation center above
ground (meters) : 85.0

Height of radiation center above
mean sea level (meters) : 91.0

Height of radiation center above
average terrain (meters) : 85.0

Overall height of antenna structure above ground (including obstruction
lighting, if any) : 101.0 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.

Paragraph 1.0, FCC Form 715 (March 1978):

Antenna structures shall be painted throughout their height with alternate bands of aviation surface orange and white, terminating with aviation surface orange bands at both top and bottom. The width of the bands shall be equal and approximately one-seventh the height of the structure, provided however, that the bands shall not be more than 100 feet nor less than 1 and 1/2 feet in width. All towers shall be cleaned and repainted as often as necessary to maintain good visibility.

Paragraph 3.0, FCC Form 715 (March 1978):

There shall be installed at the top of the structure one 300 m/m electric code beacon equipped with two 620- or 700-watt lamps (PS-40, Code Beacon type), both lamps to burn simultaneously, and equipped with aviation red color filters. Where a rod or other construction of not more than 20 feet in height and incapable of supporting this beacon is mounted on top of the structure and it is determined that this additional construction does not permit unobstructed visibility of the code beacon from aircraft at any normal angle of approach, there shall be installed two such beacons positioned so as to insure unobstructed visibility of at least one of the beacons from aircraft at any normal angle of approach. The beacons shall be equipped with a flashing mechanism producing not more than 40 flashes per minute nor less than 12 flashes per minute with a period of darkness equal to approximately one-half of the luminous period.

Paragraph 11.0, FCC Form 715 (March 1978):

At the approximate mid point of the over-all height of the tower there shall be installed at least two 116- or 125-watt lamps (A21/TS) enclosed in aviation red obstruction light globes. Each light shall be mounted so as to insure unobstructed visibility of a least one light at each level from aircraft at any normal angle of approach.

Paragraph 21.0, FCC Form 715 (March 1978):

All lighting shall burn continuously or shall be controlled by a light sensitive device adjusted so that the lights will be turned on at a north sky light intensity level of about 35 foot candles and turned off at a north sky light intensity level of about 58 foot candles.

Paragraph 22.0, FCC Form 715 (March 1978):

During construction of an antenna structure, for which obstruction lighting is required, at least two 116- or 125-watt lamps (A21/TS) enclosed in aviation red obstruction light globes, shall be installed at the uppermost point of the structure. In addition, as the height of the structure exceeds each level at which permanent obstruction lights will be required, two similar lights shall be displayed nightly from sunset to sunrise until the permanent obstruction lights have been installed and placed in operation, and shall be positioned so as to insure unobstructed visibility of at least one of the lights at any normal angle of approach. In lieu of the above temporary warning lights, the permanent obstruction lighting fixtures may be installed and operated at each required level as each such level is exceeded in height during construction.

Special operating conditions or restrictions:

1. Prior to construction of the tower authorized herein, permittee shall notify AM Station(s) listed below so that, if necessary, the AM station(s) may determine operating power by the indirect method and request temporary authority from the Commission in Washington, D.C. to operate with parameters at variance in order to maintain monitoring point field strengths within authorized limits. Permittee shall be responsible for the installation and continued maintenance of detuning apparatus necessary to prevent adverse effects upon the radiation pattern of the AM station(s). Both prior to construction of the tower and subsequent to the installation of all appurtenances thereon, a partial proof of performance, as defined by Section 73.154(a) of the Commission's Rules, shall be conducted to establish that the AM array has not been adversely affected and, prior to or simultaneous with the filing of the application for license to cover this permit, the results submitted to the Commission.

(Revised March 14, 1983)

WDOV, WKEN

The request for waiver of 47 C.F.R. Section 73.1125, to operate the proposed station in Dover, Delaware as a satellite of Station WRTI(FM), Philadelphia, Pennsylvania, IS GRANTED subject to the following conditions:

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1. That the permittee install a toll-free telephone line from Dover to the WRTI(FM) studio in Philadelphia;
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2. That the permittee conduct regular meetings with Dover community leaders and maintain the results of those meetings in the proposed station's public inspection file (See 47 C.F.R. Section 73.3527(a)(7));
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3. That the permittee attempt to develop local programming and open a production studio in Dover.