



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

Authorizing Official:

Official Mailing Address:

ALUM SPRINGS EDUCATIONAL CORPORATION  
3596 ALUM SPRINGS ROAD  
DANVILLE KY 40422

Mary Houser  
Supr Applications Examiner  
Audio Division  
Media Bureau

Facility ID: 1199

Grant Date: June 08, 1992

Call Sign: WDFB-FM

This permit expires 3:00 a.m.  
local time, December 08, 1993.

Permit File Number: BPED-19910415MI

This Permit Modifies Permit No.: BPED-19910415MI

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: ALUM SPRINGS EDUCATIONAL CORPORATION

Station Location: KY-DANVILLE

Frequency (MHz): 88.1

Channel: 201

Class: A

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: 37 deg 35 min 46 sec

West Longitude: 84 deg 50 min 19 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	.170	.170
Height of radiation center above ground (Meters):	63	63
Height of radiation center above mean sea level (Meters):	404	404
Height of radiation center above average terrain (Meters):	100	100

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 66 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 During the installation of the antenna authorized herein, AM Station (s) listed below shall determine operating power by the indirect method and, if necessary, request temporary authority from the Commission in Washington to operate with parameters at variance in order to maintain monitoring point values within authorized limits. Upon completion of the installation, common point impedance measurements on the AM array shall be made and 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 (along with a tower sketch of the installation) in an application for the AM station to return to the direct method of power determination.  
(Revised January 28, 1983)  
WDFB (AM)

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The automatic program test provisions of 47 C.F.R. Section 73.1620 do not apply in this case. A formal request for program test authority must be filed in conjunction with FCC Form 302, Application for License, before program tests will be authorized. This request should be made at least 10 days prior to the date on which program tests are desired to commence. This request must contain documentation which demonstrates compliance with the following special operating condition:

Permittee shall submit a statement certifying that a fence has been constructed at least 3 meters from the base of the tower and in such a manner as to prevent the exposure of humans to radiofrequency radiation in excess of the American National Standards Institute Guidelines in OST Bulletin No. 65, October 1985. The fence must be of a type which will preclude casual or inadvertent access, and must include warning signs at appropriate intervals which describe the nature of the hazard.

Documentation demonstrating compliance with the special operating condition may be submitted in advance of the filling of FCC Form 302. The Commission's staff will review it for compliance and respond by letter stating whether automatic PTA has been reinstated.

\*\*\* END OF AUTHORIZATION \*\*\*