



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST TRANSLATOR/BOOSTER STATION
CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

UNIVERSITY OF ALASKA
KUAC
PO BOX 755620
FAIRBANKS AK 99775

James D. Bradshaw
Associate Chief
Audio Division
Media Bureau

Facility Id: 90668

Grant Date: September 09, 1998

Call Sign: K219DM

This permit expires 3:00 a.m.
local time, March 09, 2000.

Permit File Number: BPFT-19980514TA

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.

Name of Permittee: UNIVERSITY OF ALASKA

Principal community to be served: AK-EAGLE

Primary Station: KUAC (FM) , Channel 210, FAIRBANKS, AK

Via: Other

Frequency (MHz): 91.7

Channel: 219

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 64 deg 47 min 11 sec
West Longitude: 141 deg 12 min 24 sec

Transmitter: Type Accepted. See Sections 73.1660, 74.1250 of the Commission's Rules

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

Major lobe directions (degrees true): Not Applicable

Horizontally Polarized Antenna:
Vertically Polarized Antenna:

Effective radiated power in the Horizontal Plane (kw): 0.155
Height of radiation center above ground (Meters): 17
Height of radiation center above mean sea level (Meters): 284

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 18 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 Prior to commencing program test operations, FM Translator or FM Booster permittee must have on file at the Commission, FCC Form 350, Application for an FM Translator or FM Booster Station License, pursuant to 47 C.F.R. Section 74.14.
- 2 The permittee/licensee must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

*** END OF AUTHORIZATION ***