



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

Authorizing Official:

Official Mailing Address:

IOWA STATE UNIVERSITY OF SCIENCE AND TECHNO
2022 COMMUNICATIONS BLDG
AMES IA 50011

Peter H. Doyle
Deputy Chief
Audio Division
Media Bureau

Facility ID: 29066

Call Sign: KNSK

Permit File Number: BMPED-19880926JM

Grant Date:

This permit expires 3:00 a.m.
local time, 0 months after the
grant date specified above.

This Permit Modifies Permit No.: BPED-19870121IE

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: IOWA STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY

Station Location: IA-FORT DODGE

Frequency (MHz): 91.1

Channel: 216

Class: C

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: Not Reported

Antenna Coordinates: North Latitude: 42 deg 49 min 03 sec
West Longitude: 94 deg 24 min 41 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	100	100
Height of radiation center above ground (Meters):	320	320
Height of radiation center above mean sea level (Meters):	672	672
Height of radiation center above average terrain (Meters):	321	321

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 368 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

*** END OF AUTHORIZATION ***