

FEDERAL COMMUNICATIONS COMMISSION

CLASS OF STATION FM

The following application is submitted for action by the Chief, Broadcast Bureau

<u>FILE NO.</u>	<u>APPLICANT & LOCATION</u>	<u>CALL LETTERS</u>	<u>NATURE OF APPLICATION</u>
BLH-791022AD	BLUESTEM BROADCASTING CO., INC.		License to cover (BPH-10596, as mod.) for changes.
	EMPORIA, KANSAS	KLRF	License expires 6-1-80.

CHIEF, LICENSE DIVISION

Recommendation: Grant (✓) Construction dates, Start _____ End _____
Contested () Uncontested (✓)

MAIN

ERP: 3 KILOWATTS (HORZ & VERT)
HAAT: 280 FEET (HORZ & VERT)
TPO: 900 WATTS
TRANSMITTER TYPE ACCEPTED
ANTENNA SAME AS BPH-10596, DATED 6/28/77

GRANTED
JUN 2 1980

APR 1 1980

Approved _____

S/ [Signature]
For Chief, Broadcast Bureau

FM BROADCAST STATION CONSTRUCTION PERMIT

Subject to the provisions of the Communications Act of 1934, as amended, treaties, and Commission Rules, and further subject to the conditions set forth in this permit, 1/ authority is hereby granted to construct an FM broadcast station located and described as follows:

Permittee: **BLUESTEM BROADCASTING CO., INC.**

Authorized assignment:

- 1. Frequency (MHz) : **104.9**
- 2. Transmitter output power : **910 Watts**
- 3. Effective radiated power : **3 Kilowatts (H&V)**
- 4. Antenna height above average terrain (feet) : **280 feet (H&V)**
- 5. Hours of operation : **Unlimited**
- 6. Station location : **Emporia, Kansas**
- 7. Main studio location : **75 Soden's Drive
Emporia, Kansas**
- 8. Remote Control point : **-----**

- 9. Antenna & supporting structure: : North Latitude: **38 ° 23 ' 10 "**
West Longitude: **96 ° 10 ' 36 "**

**RCA, BFH-8B, 8 sections (H&V), side-mounted near the top of a uniform cross-section, guyed, steel tower also used as the AM radiator for Station K V O E.
OVERALL HEIGHT ABOVE GROUND: 364 feet.**

- 10. Transmitter location : **75 Soden's Drive
Emporia, Kansas**

- 11. Transmitter(s) : **COLLINS, 830D-1A**

- 12. Obstruction markings specifications in accordance with the following paragraphs of FCC Form 715: **1, 3, 12, & 21**

13. Conditions: **During installation of the FM antenna, AM station KVOE shall determine operating power by the indirect method. Upon completion of the installation, antenna impedance measurements of the AM antenna shall be made and BEFORE FM PROGRAM TESTS ARE AUTHORIZED, the results submitted to the Commission along with a tower sketch of the installation in an application for station KVOE to return to the direct method of power determination.**

- 14. Date of required commencement of construction : **August 28, 1977**
- 15. Date of required completion of construction . . . : **June 28, 1978**

Cond. Satisfied

Equipment and program tests shall be conducted only pursuant to Sections 73.216 and 73.217 of the Commission Rules. This permit shall be automatically forfeited if the station is not ready for operation within the time specified 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 Section 1.599 of the Commission Rules.

1/ This construction permit consists of this page and pages

Dated: **June 28, 1977**

FEDERAL COMMUNICATIONS COMMISSION



JUL 19 1977

OK