

**APPLICATION FOR A
MINOR CHANGE
CONSTRUCTION PERMIT
TO A LICENSED FACILITY
FCC FORM 301**

Facility Identification Number 35215

KNMO-FM

Nevada, Missouri

CHANNEL 248A – 97.5 MHz

ERP: 6.0 kW (H&V)

HAAT: 100.0 m (H&V)

APPLICANT: Harbit Communications, Inc.

March, 2002

Prepared by:



12585 Old Highway 280 East, Suite 102
Chelsea, Alabama 35043
(205) 618-2020

Engineering Statement
In Support of a Application
For a Construction Permit
KNMO-FM, Nevada Missouri, Channel 248A

CONTENTS
FOR ENGINEERING EXHIBITS F.C.C. FORM 301

1. Statement of Engineers	E3-E7
2. Exhibit E, Figure 1	Channel Spacing Study
3. Exhibit E, Figure 2	Terrain Averaging and Contour Study
4. Exhibit E, Figure 3	Proposed Service Contour Map
5. Exhibit E, Figure 4	Proposed Site Map
6. Exhibit E, Figure 5	Vertical Plane Sketch

ENGINEERING STATEMENT

Of

Lee S. Reynolds

And

Virgle Leon Strickland

In Support of an

Application for a

Construction Permit

KNMO-FM

Nevada, Missouri

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General

As broadcast technical consultants doing business as Reynolds Technical Associates, we have been authorized by Harbit Communications, Inc. (herein referred to as “Harbit” as well as “The Applicant”), licensee of KNMO-FM, Nevada, Missouri, to conduct engineering studies and prepare the engineering portion of an application for a construction permit. The purpose of this application is to bring KNMO-FM into compliance with MM Docket No. 00-129, in which a changes in the facility is being requested

The Proposed Site
(Exhibits E, Figure 1 through 5)

Exhibit E, Figure 1 is a channel spacing study for the proposed, showing the facilities considered.

The terrain averaging and contour study for the proposed site is included as Exhibit E, Figure 2

Exhibit E, Figure 3 is the service contour map displaying the FCC F(50,50) 70 and 60 dBu contours of the proposed.

Exhibit E, Figure 4 is a portion of the Horton, MO USGS topographic map displaying the proposed site.

Exhibit E, Figure 5 is a vertical sketch of the proposed antenna supporting structure.

The Federal Aviation Administration has been notified of the proposed construction and the structure will be registered when a determination of no hazard is issued.

The distance to the blanketing contour is calculated to be 0.965 kilometers (0.600 miles).

Human Exposure
(No Exhibits)

The proposed FM facility was evaluated in terms of potential radiofrequency radiation exposure at ground level in accordance with the RF Worksheet #1 [FCC 301 Worksheet 7 (Page 4 and 5)].

The proposed antenna for The Applicant's proposed FM broadcast station is to be placed on an proposed tower. The proposed center of radiation above ground level of 90.0 meters, with an ERP of 6.0 kW (both horizontal and vertical). The controlled/occupational limit, as well as the uncontrolled/general public limit is in compliance. Power density two (2) meters above ground is 0.051 mW/cm^2 , well below

the maximum allowable limit of 0.2 mW/cm^2 for uncontrolled/general public exposure limits as well as the 1.0 mW/cm^2 for controlled/occupational exposure limits

An agreement is in effect, that if anyone is required to climb the tower, all facilities on the tower will either reduce power or cease operation, so as to prevent hazardous exposure to radiofrequency radiation.

Environmental Impact
(No Exhibits)

A grant of the proposed construction would not constitute a major action as defined in the Commission's Rules and Regulations.

During operation, the facility will produce no chemical or significant thermal pollution, and no ionizing radiation will be generated. Areas of high intensity radiofrequency fields will be confined to the immediate area of the transmitting antenna, far above the ground and away from any human and wildlife population.

The area is not officially designated as a wilderness area or wildlife preserve and is not pending consideration. The area has no significant value in American history, architecture, archaeology, or culture, which is listed in the Register of Historic Places, and it is not eligible for listing. It is not recognized either nationally or locally for special scenic or recreational value.

Conclusion

This statement/application has been prepared for The Applicant by utilizing the latest available information, cross-checked with the Federal Communications Commission and other sources. Therefore, it is submitted that the proposed is in compliance with the Commission's Rules and Regulations and other sources. Therefore, it is submitted that the engineering data compiled and demonstrated herein for the proposed is in compliance with Commission's Rules and Regulations at the time of this application's filing date. We welcome the opportunity to discuss with the staff of the Federal Communications Commission the engineering data contained in this application. Should any questions arise concerning the information, please contact us.

The following pages are exhibits prepared and assembled in support of the proposed.

Lee S. Reynolds
12585 Old Highway 280 East, Suite 102
Chelsea, Alabama 35043
(205) 618-2020

Leon Strickland
12585 Old Highway 280 East, Suite 102
Chelsea, Alabama 35043
(205) 618-2020

Statement of the Consultants

The instant engineering statement was prepared for Harbit Communications, Inc. ("The Applicant") and supports an application for a construction permit of KNMO-FM, Nevada, Missouri. It was developed by Lee S. Reynolds and Virgle Leon Strickland of Reynolds Technical Associates and may not be used for purposes other than submission to the Commission by The Applicant.

It may not be reproduced in its entirety, or in part, by anyone (other than from the Commission) without the written consent of Strickland and/or Reynolds.

It is prepared for The Applicant under contractual agreement, and its certification by Strickland/Reynolds is used accordingly. If The Applicant fails in its contractual obligation, Strickland/Reynolds reserve the right to withdraw its certification.

The information in this application is compiled from the most recent Commission and outside data. Strickland/Reynolds are not responsible for errors resulting from incorrect data or unpublished rule and procedure changes.

For Strickland and Reynolds:



Lee S. Reynolds

March 28th, 2002

12585 Old Highway 280 East, Suite 102
Chelsea, Alabama 35043
(205) 618-2020