

# FEDERAL COMMUNICATIONS COMMISSION

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December 23, 2009

Mr. Allen Groue  
Radio Station KHDX (FM)  
Hendrix College  
1600 Washington Avenue  
Bailey Library, Student Carrol D  
Conway, AR 72302

In re: KHDX (FM); Conway, AR  
Hendrix College  
Facility ID No. 26912  
CP application BPED-20091204AAO  
CP application BPED-20091217ABL

Dear Mr. Groue:

Application BPED-20091204AAO was filed by December 4, 2009 to request a construction permit to change the location for KHDX from Hulen Hall to the new Student Life and Technology Building. By letter dated December 15, 2005, I noted some matters that required an amendment to the application. Instead of an amendment, on December 17, 2009 you filed a new construction permit application under the file number BPED-20091217ABL. To resolve this, we will process the new application, and application BPED-20091204AAO IS DISMISSED since it is no longer germane.

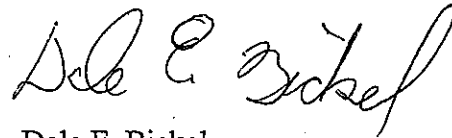
However, while the new application did successfully address some of the matters raised in my December 15, 2009 letter, new errors have been created. Specifically, I advised that since the antenna height above average terrain (HAAT) was being raised from 18 to 28 meters, the effective radiated power had to be reduced from 0.008 to 0.005 kW to maintain the same coverage area. In this manner the site change would avoid increasing existing prohibited contour overlap from KHDX to KKSP, Bryant, AR and KASR, Vilonia, AR, in contravention of the Commission's rules and policies. The new application specifies an ERP of 0.005 kW, but then inexplicably specifies a maximum ERP of 0.008 kW.<sup>1</sup> In addition, the new application incorrectly lists the antenna height above average terrain as 20 meters, rather than the correct value (specified in application BPED-20091204AAO) of 28 meters.

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<sup>1</sup> The data field in which the 0.008 kW was filed is used by stations specifying beam tilt antennas, which are sometimes employed where a station sits atop a tall mountain with the city and population far below. This is certainly not the case here, nor is it likely that Hendrix College will expend the additional funds needed to purchase a beam tilt antenna. Moreover, the adjacent "Not Applicable" box was checked, indicating that beam tilt would not be used. In any event, the employment of beam tilt would not permit KHDX with an ERP higher than 0.005 kW, since the Commission uses the maximum ERP to predict distances to contours in the FM service. We conclude, then, that the 0.008 kW maximum ERP was filled in without clear knowledge of what the maximum ERP data field actually meant.

Operation of KHDX at 0.005 kW at 28 meters HAAT at the new transmitter site would preserve the status quo (with respect to coverage and interference) and can be approved immediately. Rather than requiring another amendment to correct the noted errors, we will, on our own motion, GRANT APPLICATION BPED-20091217ABL IN PART with an effective radiated power (ERP) of 0.005 kW and antenna height above average terrain (HAAT) of 28 meters. We emphasize that the effective radiated power of KHDX at the new location must NOT exceed 0.005 kW. Should Hendrix College not accept the partial grant made herein, it must reject it in writing to the Commission no later than January 22, 2010. If that occurs, the grant of the construction permit will be set aside and the application returned to pending status. This action is taken pursuant to Section 1.110 of the Commission's rules.

Sincerely,

A handwritten signature in black ink, appearing to read "Dale E. Bickel". The signature is fluid and cursive, with the first name "Dale" and last name "Bickel" being more prominent than the middle initial "E".

Dale E. Bickel  
Senior Engineer  
Audio Division  
Media Bureau

cc: Mr. Lawrence W. Haynes