

FEDERAL COMMUNICATIONS COMMISSION
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July 29, 2013

Ravi Randhava / WHPK-FM
University of Chicago
5706 South University Avenue
Chicago, IL 60637

Re: WHPK-FM, Chicago, IL
University of Chicago
Facility Identification Number: 69000
Special Temporary Authority
BSTA-20130717AIK

Dear Mr. Randhava:

This is in reference to the STA request by the University of Chicago. ("UC"), filed July 17, 2013, seeking Special Temporary Authority ("STA") for temporary operation. UC advises that the building on which the licensed antenna is located (Pierce Hall), is to be demolished beginning the second week in August 2013.¹ The STA request seeks a site change of 1.1 km southward, to a 3.3 meter pole atop the University's building at 6031 South Ellis Avenue. Use of a non-directional antenna is requested for the STA operation, with an effective radiated power (ERP) of 0.079 kW.

STA requests which involve a change in transmitter site must include four critical elements: (1) Loss of the licensed site must be beyond the licensee's control; (2) STA facilities must continue to provide service to the licensed community; (3) STA facilities must maintain, as closely as practicable, the licensed service area without extending it; (4) STA facilities cannot involve the construction of towers intended for permanent use by the station requesting the STA. Our review finds that the requested STA facilities, at 0.079 kW, would cause the STA 60 dBu contour to extend beyond the location of the currently licensed 60 dBu.² This would cause increased interference to other FM stations operating on the same frequency. The staff has determined that operation at an ERP of 0.040 kW would satisfy all these concerns while allowing WHPK-FM to maintain operation.

¹ WHPK-FM has filed a construction permit application, file no. BPED-20130618ABI, which is being evaluated separately from this STA request.

² We cannot replicate the results provided in the attachment to the STA request, with respect to the coverage area at 0.079 kW ERP. However, we note that the coverage we predict at 0.040 kW ERP, is essentially identical to that calculated for 0.079 kW ERP in the attachment. We conclude that the applicant has erred in his analysis by a factor of 2..

Consequently, STA IS HEREBY GRANTED, and station WHPK-FM may operate with the following temporary facilities:

Geographic coordinates:	41° 47' 3.98" N, 87° 36' 1.0" W (NAD 1927)
Channel	203A (88.5 MHz)
Effective radiated power:	0.040 kilowatt (V) – ERP LIMITED TO THIS VALUE
Antenna height:	
above average terrain:	42.5 meters
above mean sea level:	222.5 meters
above ground:	42.9 meters

We expect that broadcast operations from this facility will be maintained through the term of this STA request. Extensions may be requested and approved, provided the request demonstrates continued progress toward resuming licensed operation. UC must use whatever means are necessary to protect workers and the public from radiofrequency exposure in excess of the Commission's exposure guidelines. See 47 CFR § 1.1310.

This authority expires on **January 25, 2014**.

Sincerely,



Dale Bickel
Senior Engineer
Audio Division
Media Bureau

cc: Leonard C. Watson