



## NATIONAL RADIO ASTRONOMY OBSERVATORY

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GREEN BANK, WV 24944-0002

NRQZ OFFICE TELEPHONE (304) 456-2107

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NRQZ@NRAO.EDU

December 11, 2012

Page 1 of 1

NRQZ ID: 7685.REV3/26JUN2012

WV Educational Public Broadcasting Authority

600 Capitol Street

Charleston, WV 25301-1223

Application Reason/Purpose

File/Docket/Assignment #

Applicant Name

Call Sign

Site Name or Loc

Nearest City/State

N Latitude

W Longitude

Ground Elevation (m)

Frequency (MHz)

Emission Designator

Antenna 1 Type (Gain dBi)

Height agl (m)

Orientation (degT)

Previous Evaluations

NRAO Coordination

Concurrence of an FCC application prior to FCC submission

BPED-20121113ALQ

WV PBS

WAUA- FM

Bismarck, WV

Davis, WV

39 11 06.2

79 18 14.4

1132.5 (3715.6')

89.4

FM Broadcast

Not provided

85.4 (280.2')

Not provided

None Listed

NRQZ ID 7685.REV3/26JUN2012

Dear Applicant:

The National Radio Quiet Zone (NRQZ) has evaluated these facilities to determine the interference impact on our highly sensitive radio astronomy operations.

The National Radio Astronomy Observatory (NRAO), Green Bank, WV, has no objection to this application.

The Sugar Grove Research Station, Sugar Grove, WV has no objections.

This letter constitutes coordination of assignment in the National Radio Quiet Zone as required by the FCC Rules and Regulations 47CFR1.924.

If I may be of assistance, please feel free to contact me.

Sincerely,

Paulette W. Woody

Interference Office - NRQZ Administrator

PWW:pww

cc: Ryan Wilhour; Art Doak, FCC

File: 7685.docx

## Arthur Doak

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**From:** Paulette W. Woody <pwoody@nrao.edu>  
**Sent:** Tuesday, December 11, 2012 1:43 PM  
**To:** Ryan Wilhour; Arthur Doak  
**Subject:** Re: Request for Coordination - NRQZ#7685

Ryan:

Though the NRAO concurrence letter may not have the power levels indicated, the application number that is referenced does.

Mr. Doak:

The concurrence letter provided is based upon the parameters filed under the application BPED-20121113ALQ which indicates a power level of 10KW. As stated, the NRAO has no objections.

Thanks.

This email does not constitute proof of coordination within the National Radio Quiet Zone (NRQZ) as defined under 47CFR1.924.

Working together to keep the "quiet" in Quiet Zone.

Sincerest regards,  
Paulette

Paulette W. Woody  
NRAO Interference Office  
National Radio Quiet Zone Administrator ([nrqz@nrao.edu](mailto:nrqz@nrao.edu))  
Site info: <https://science.nrao.edu/facilities/gbt/>  
NRQZ info: <http://www.gb.nrao.edu/nrqz/nrqz.shtml>  
(O) 304-456-2107 / (F) 304-456-2276  
KD8NKC / [linkedin.com](https://www.linkedin.com/in/pwoody)

Ryan Wilhour wrote:  
Paulette,

I spoke with Art Doak at the FCC and he just wants a quick email verification that the authorization is indeed for 10kW because it does not indicate any power threshold in the letter.

Ryan C. Wilhour - Consulting Engineer  
Kessler and Gehman Associates, Inc.  
Consultants • Broadcast • Wireless  
507 NW 60th St. Suite C, Gainesville, FL 32607  
Phone: 352-332-3157 Ext. 3

Mobile: 352-262-6119  
[www.kesslerandgehman.com](http://www.kesslerandgehman.com)

On 12/11/2012 10:58 AM, Paulette W. Woody wrote:

Dear Applicant and/or Frequency Coordinator:

Find attached a copy of the NRAO comments. The original document is forthcoming to the applicant via USPS.

The NRAO will not be requesting a site inspection for any location and/or sector associated with this analysis.

As a reminder, you will need to attach this document to your official filing with the FCC.

By copy of this email, the FCC is being notified of our concurrence.

If I can be of further assistance, or if there are any questions or concerns, please feel free to contact me.

cc: Mr. Doak, FCC

attachment: LOC

This email does not constitute proof of coordination within the National Radio Quiet Zone (NRQZ) as defined under 47CFR1.924.

Working together to keep the "quiet" in Quiet Zone.

Sincerest regards,  
Paulette

Paulette W. Woody  
NRAO Interference Office  
National Radio Quiet Zone Administrator ([nrqz@nrao.edu](mailto:nrqz@nrao.edu))  
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