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MEMORANDUM

To: Coe Ramsey, Esquire [Transmitted Electronically] Date: June 18, 2009
From: Ronald D. Rackley
Re: STA for Directional Antenna Parameters at Variance for WBAL, Baltimore, Maryland

This memorandum explains the situation with regard to the changes that are soon to be made at the WBAL transmitter site and how they are expected to impact the station's operation. A new phasor cabinet is being installed in the transmitter building and new ATU networks are being installed at the tower bases.

The new equipment will be installed in place of the existing equipment in planned, orderly stages to minimize the disruption of the station's operating schedule. At times, it will be necessary for WBAL to operate nondirectionally during nighttime hours with 12.5 kilowatts - which is 25 percent of the power authorized for the nighttime directional antenna. It is anticipated that only a few nights of experimental period down time will be required to have the new nighttime directional antenna system in substantial adjustment so that operation can resume with the full 50 kilowatt power into the directional antenna system at night as well as with the full 50 kilowatt power into the daytime nondirectional antenna. Nighttime directional operation after the transition will be with the antenna monitor parameters that are found through the adjustment process to be correct for the authorized pattern - and they may differ from the presently licensed operating parameters as the antenna monitor sampling system is being upgraded as a part of this project.

It will be necessary to request Special Temporary Authorization [an "STA"] from the FCC for operation with 12.5 kW into a nondirectional antenna at night during construction and with antenna monitor parameters at variance from their licensed values once the new nighttime directional antenna equipment is in substantial adjustment. This office will be assisting WBAL with completing the engineering portion of an FCC Form 302 application for direct measurement of power specifying the new operating parameters. I understand that you may wish to include a copy of this memorandum along with the STA request that you will be submitting. Please be in contact if there are any questions regarding this matter.

Sincerely,



Ronald D. Rackley, P.E.