

**MINOR CHANGE APPLICATION/
NEW AUXILIARY FM ANTENNA
ARSO RADIO CORPORATION
WPRM-FM RADIO STATION
CH 253B - 98.5 MHZ - 16.5 KW
SAN JUAN, PUERTO RICO
March 2010**

TECHNICAL STATEMENT

This Technical Statement and attached exhibits were prepared on behalf of Arso Radio Corporation ("Arso"), licensee of FM radio station WPRM-FM, Channel 253B, San Juan, Puerto Rico. Arso herein requests permission to construct a new auxiliary FM antenna system for WPRM-FM for use when the main system is out of service for repairs or maintenance. The proposed auxiliary system will operate with an effective radiated power of 16.5 kilowatts non-directional.

Arso is proposing to locate the auxiliary antenna on an existing tower, as such, the Federal Aviation Administration was not apprised of this proposal. The tower has been registered with the Commission and assigned Antenna Structure Registration Number 1025613.¹ Since this is a proposed auxiliary antenna system, no allocation review, community coverage issues, main studio location, or interference issues are considered in this instant application.²

Exhibit A is a map showing the proposed WPRM-FM auxiliary facility's 60 dBu contour will not extend beyond that of the licensed WPRM-FM's 60 dBu contour. Since it is proposed to

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- 1) The proposed WPRM-FM auxiliary will also be used by other facilities as an auxiliary antenna. However, the antenna will not be shared, as only one station will use the antenna at any given time. Therefore, no shared antenna condition is needed.
 - 2) There are no intermediate frequency issues based on the proposed site.

co-locate the WPRM-FM auxiliary antenna on an AM radiator, the worksheets associated with Form 301 could not be used to certify compliance with the Commission's radio frequency radiation limits. Therefore, attached as Exhibit B is a study that shows the proposed WPRM-FM auxiliary facility will comply with the Commission's RF exposure requirements.

There is one AM station within 3.2 kilometers of this proposal. The proposed WPRM-FM auxiliary antenna will be installed on the WSKN AM tower. The WPRM-FM auxiliary antenna and transmission line will be isolated from ground with an AM isocoupler. During the installation of the WPRM-FM antenna system and line, power on the AM station will be based on the indirect method. An application to return WSKN to the direct measurement of power will be filed following the installation of the WPRM-FM antenna and transmission line.

All other data used to certify the information contained in the application has been forwarded to Arso and is available for submission to the Commission upon request.³

3) The undersigned has evaluated only the radio frequency radiation exposure limits of this proposal. Further, all data regarding broadcast facilities was extracted from the CDBS database on the date of this application. We assume no liability for errors or omissions in that database that may be adverse to the requests contained herein.