

ENGINEERING TECHNICAL STATEMENT PREPARED BY WILLIAM T. GODFREY, JR. OF THE FIRM KESSLER AND GEHMAN ASSOCIATES, INC. (KGA), TELECOMMUNICATIONS CONSULTING ENGINEERS IN CONNECTION WITH A MINOR MODIFICATION OF CONSTRUCTION PERMIT APPLICATION (0000028213) FOR THE WSBE-DT CHANNEL 2 POST-AUCTION FACILITY IN THE FIRST PRIORITY FILING WINDOW. THIS PRIORITY FILING APPLICATION REQUESTS A CHANGE IN ANTENNA MODEL AND AN INCREASE IN EFFECTIVE RADIATED POWER (ERP).

FIRST PRIORITY FILING WINDOW ELIGIBILITY

The firm Kessler and Gehman Associates, Inc. (KGA) has been retained by Rhode Island PBS Foundation to prepare engineering studies and the engineering portion of a minor modification of a post-auction construction permit application. The WSBE-DT Channel 2 post-auction facility, based on its assigned post-auction parameters, is a station predicted to experience a loss in population served in excess of 1% because of new station-to-station interference. Therefore, the WSBE-DT Channel 2 facility is eligible to file in the First Priority Filing Window. In order for the WSBE-DT Channel 2 post-auction facility to recover some of the population losses as a result of the repack, Rhode Island PBS Foundation is filing a maximization application requesting authorization to change the authorized post-auction antenna model from a Dielectric THA-04-4L/16H-1 VP (SP) to a Dielectric THA-03-3L/9H-1 VP (SP) and increase the authorized post-auction ERP from 0.43 kW to 10 kW. No other changes are requested.

CERTIFICATION

This technical statement was prepared by William T. Godfrey, Jr., Engineering Associate with the firm Kessler and Gehman Associates, Inc. having offices in Gainesville, Florida, and has been working with the firm in the field of radio and television broadcast consulting since 1998. Mr. Godfrey was a graduate from the University of North Florida and a Distinguished Military Graduate from the University of Florida. As a Professional in the field of Telecommunications he states under penalty of perjury that

the information contained in this report is true and correct to the best of his knowledge and belief.


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Engineering Associate

13 September, 2017