

**APPLICATION FOR STATION LICENSE/  
REQUEST FOR PROGRAM TEST AUTHORITY  
MID-ISLAND BROADCASTING LTD PARTNERSHIP  
WBZO (FM) RADIO STATION  
CH 276A - 103.1 MHZ - 1.55 KW (DA)  
BAYSHORE, NEW YORK  
October 2002**

**TECHNICAL STATEMENT**

This Statement was prepared on behalf of Mid-Island Broadcasting LTD Partnership (“MIBLP”), licensee of radio station WBZO, Channel 276A, Bayshore, New York. MIBLP holds an outstanding construction permit which authorized minor changes in the facilities of WBZO (BPH-20010611AEU). This instant application seeks a license to cover this outstanding construction permit. Further, since the permit specifies the use of a directional antenna, this is also a request for Program Test Authority. The WBZO facilities have been constructed as authorized in the underlying permit. Attached as Exhibit A is a calculation of the transmitter power output for WBZO.

There were seven conditions placed on the WBZO permit. The first condition requires the power of the station be lowered, or operation ceased, to ensure that persons having access to the site are not exposed to radio frequency electromagnetic fields in excess of the FCC guidelines. MIBLP herein restates that it will lower the power of WBZO or cease operation, as necessary, to ensure no one is exposed to fields in excess of the FCC limits. MIBLP also herein restates that it acknowledges its permit was granted pursuant to §73.215 of the rules (Condition #2).

The next four conditions relate to the use of a directional antenna for WBZO. Attached as Exhibit B1 is an antenna proof of performance from Electronics Research, Inc. (“ERI”), the manufacturer of the WBZO antenna system, demonstrating the compliance of the antenna system with the requirements and limits contained in the permit. Further, attached as Exhibit B2 is a statement from an engineer that the antenna was installed and assembled in accordance with ERI’s specifications. Finally, attached as Exhibit B3 is a verification from a Land Surveyor that the antenna is oriented at 197° true.

Condition #7 required MIBLP to make field strength measurements to verify the construction of the WBZO facilities did not have an adverse impact on the operation of AM station WLIE (formerly WLUX), 540 kHz, Islip, New York. The condition required ten measurements on eight radials to show the WLIE system was not impacted. As detailed in BPH-20010611AEU, the WBZO antenna is mounted on one of two towers that comprise the WLIE antenna system. The actual tower on which WBZO is located was just recently constructed by the licensee of WLIE, as part of the implementation of its construction permit to operate with a directional antenna system (BMP-20000712AAH).<sup>1</sup> Construction of the tower commenced before MIBLP could take any measurements on the system. Further, the licensee is in the process of completing construction on the directional antenna system for WLIE, and will undertake a full antenna proof of performance on the day and night operations of WLIE, with the WBZO antenna and feed lines in place. It is not believed that the WBZO antenna and feed line will have any impact under these circumstances. The submission of these field strength reading

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1) There have been two subsequent modifications filed by the licensee of WLIE (formerly WLUX); BMP-20010713ABJ and BMP-20011121AAI, both of which have been granted.

will be submitted with the application for station license by the licensee of WLIE. As such, it is respectfully requested that Condition #7 on the WBZO permit be waived at this time, to allow the licensee of WLIE to complete its construction, but not to prevent the implementation of improved service for WBZO. Once the data on the WLIE system is complete, MIBLP will notify the Commission.