

SELLMEYER ENGINEERING
BROADCAST AND COMMUNICATION CONSULTING ENGINEERS
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MEMBER AFCCE
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EXHIBIT E1-18
ENVIRONMENTAL NARRATIVE
RADIO STATION KWAM
990 KHZ, 0.33 KW-N, 5.0 KW-CH, 10.0 KW-D, DA-2
MEMPHIS, TENNESSEE
JUNE, 2002

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The proposed directional antenna system consists of three towers. Two towers are used in the existing directional antenna system of Station WREC, operating on 600 kilohertz. A third shorter tower will be erected on the transmitter site of Station WREC to accommodate the requirements of Station KWAM.

No significant disturbance of the land will be required to accommodate the additional tower.

Each tower will be fenced by a secured fence sized in accordance with the guidelines of OET Bulletin 65. Based on the electrical heights of the towers and the tables of Supplement A, Tables 2 and 3 of the bulletin, the minimum fence distance from the towers will be 4 meters. This is very conservative and will provide a wide margin of safety. The fences will be provided with securely locked gates.

The gates and fences will be marked with appropriate warning signs to warn the public of potential radiofrequency radiation hazards within the fenced areas.

During periods when maintenance is required on any of the towers, the operating power levels of the stations will be reduced to a safe level or both stations will be shut down for the period required to complete the work.

The proposed facility would not be classified as a major action as defined in Sections 1.1305 and 1.1307 of the Rules.