

**EXHIBIT 43**  
**ENVIRONMENTAL PROCESSING EXCLUSION**

This minor change application is categorically excluded from environmental processing by Section 1.1306 of the FCC Rules. It is excluded since the application does not involve a site location as described in Section 1.1307(a) and does not exceed the safety standards for human exposure to radio-frequency (RF) energy in Section 1.1307(b) as described below. Since the application is considered not to have a significant effect on the quality of the human environment under Section 1.1307(a) and (b), environmental processing is not required.

The applicant proposes to construct a facility that will employ a multi-user antenna system and operate at a horizontal effective radiated power of 1000 kW. RF contributions from the proposed facility will not exceed the *Radiofrequency Radiation Exposure Limits* specified in Section 1.1310 of the FCC Rules. Accordingly, the maximum permissible exposure (MPE) limit for Channel 51, at the bottom frequency of 692 MHz, is 461.33  $\mu\text{W}/\text{cm}^2$  for general (uncontrolled) exposure and 2306.67  $\mu\text{W}/\text{cm}^2$  for occupational (controlled) exposure. The Commission's formula for calculating power density contained in *OET Bulletin No. 65, Version 97-01* was used to predict the RF contribution resulting from the proposed facility. In order to establish a "worst case" scenario, a relative field value of 0.243 was used for the specified antenna. Attached as Exhibits 43.1 and 43.2 are the antenna elevation pattern and tabulation in relative field supplied by the manufacturer. These exhibits demonstrate that the antenna relative field values do not exceed 0.243 at

all angles greater than 10° below the horizontal. Based on this information the “worst case” contribution for the proposed facility is calculated to be 16.92  $\mu\text{W}/\text{cm}^2$  at 2 meters above ground. Since this estimated level is less than 5% of the guideline for both controlled and uncontrolled exposure, the applicant is not required to share responsibility for compliance in any accessible area or areas where the appropriate limits may be exceeded as a result of contributions from other co-located or nearby RF sources as provided in Section 1.1307(b) of the FCC Rules. Therefore, it is not necessary to further evaluate the antenna location with respect to other RF contributors.

It has been demonstrated that occupational exposure in excess of the guidelines is not possible at any ground-level location. Nevertheless, the applicant will adopt a work policy designed in coordination with other users at the site to avoid harmful exposure when work is being done at higher elevations on the tower. Accordingly, workers will be protected from excessive exposure to radiofrequency fields in areas of close proximity to the radiofrequency source by employing the methods recommended in *OET Bulletin No. 65, Version 97-01*. Preventive steps to avoid excessive exposure shall include scheduling work on the tower when the facility is shut down or operating at reduced power or by time averaging.

Prepared By

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Proposal Number **DCA-8938** Revision: **3**  
Date **6-Jun-01**  
Call Letters Channel **51**  
Location **Greenbay, WI**  
Customer **CBS**  
Antenna Type **TUD-C5SP-14/70H-1**

### ELEVATION PATTERN

RMS Gain at Main Lobe **26.00 ( 14.15 dB )** Beam Tilt **0.50 deg**  
RMS Gain at Horizontal **16.00 ( 12.04 dB )** Frequency **695.00 MHz**  
Calculated / Measured **Calculated** Drawing # **14U260050-B695-90**



