

EXHIBIT 30
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NONIONIZING RADIATION COMPLIANCE
Bryan Broadcasting License Corporation
College Station, TX

The proposed modified KNDE auxiliary facilities will fully comply with the current FCC Standard with regard to human exposure to nonionizing radiation. The modified facilities will employ the presently licensed Aldena "Twin-V" style three bay circularly polarized full wave spaced non-directional antenna that is mounted at the 53.3 meter level on an existing 68.0 meter tower and will operate with an effective radiated power of 5.5 kilowatts. This tower is also used as part of the antenna system for KZNE(AM)- College Station, Texas, which operates on 1150 kHz, and is also part the antenna array for KWBC(AM) - College Station, Texas, which operates on 1550 kHz. This tower has an electrical height of 125.9° (0.35 wavelengths) on 1550 kHz and 93.4° (0.26 wavelengths) on 1150 kHz. KZNE operates with 1 kilowatt nondirectional day using this tower and 500 watts directional night using a three tower directional antenna system which includes this tower. KWBC operates at a power level of 1.5 kilowatts day and 45 watts at night using the same directional pattern, which includes this tower, for daytime and nighttime operation.

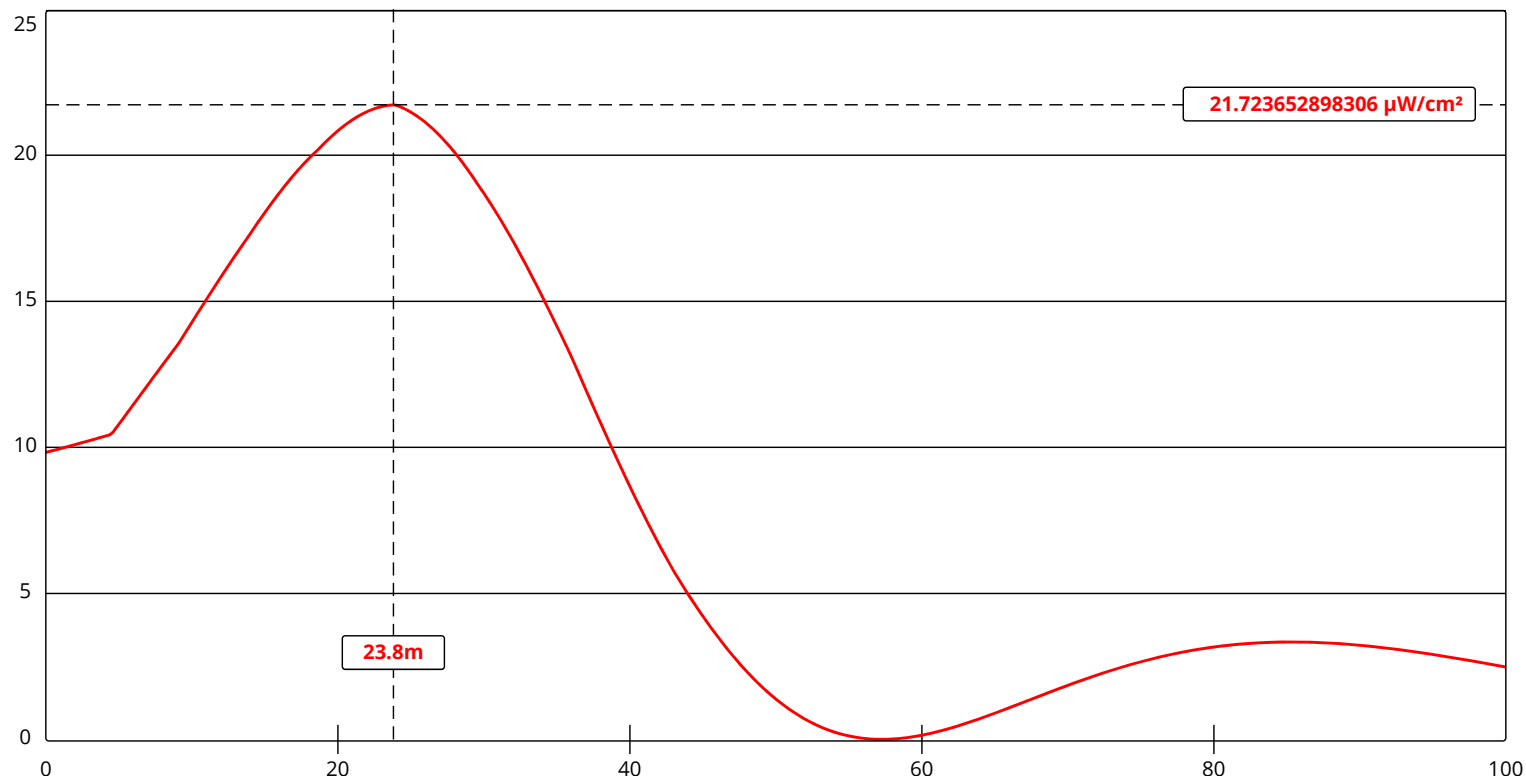
The predicted power density levels at two meters above ground for the proposed modified KNDE auxiliary facilities were calculated using the FCC's "FM Model" computer program. The results of these calculations are shown in Figure 30.0. This figure shows that the maximum predicted power density at two meters above ground level for the proposed modified KNDE auxiliary facilities will be 21.7 $\mu\text{W}/\text{cm}^2$, or 10.85% of the permitted level for uncontrolled exposure, which will occur at a horizontal distance of 23.8 meters from the base of this tower. This figure also shows that the predicted power density at two meters above ground from the proposed KNDE auxiliary antenna will exceed 10 $\mu\text{W}/\text{cm}^2$, or 5% of the permitted level for uncontrolled exposure, at any location within 40 meters from the base of the tower which supports the KNDE auxiliary antenna. This area will also come no closer than 8.3 meters from Tower #1 of the KWBC antenna system, 15.1 meters from Tower #3 of the KZNE antenna system, and

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44.7 meters from Tower #1 of the KZNE antenna system. Interpolating from the tables found on Pages 3 and 4 of OET Bulletin 65A using a worst case assumptions of 1.5 kilowatts in each tower for KWBC and 1.0 kilowatts in each tower for KZNE found the predicted KZNE power density will only exceed 5% of the permitted level for uncontrolled exposure at locations within 3 meters of any of these towers and the predicted KWBC power density level will only exceed 5% of the permitted level for uncontrolled exposure within 3.5 meters of any of these towers.

Based upon this information, it is obvious that, with the exception of the tower which supports the KNDE auxiliary antenna, there is no common area where the predicted KNDE auxiliary antenna power density and the predicted KZNE and/or KWBC power densities will exceed 5% of the permitted level for uncontrolled exposure. As a result, it isn't necessary to undertake any further evaluation of the areas around Tower #2 of the KWBC array or Tower #1 and Tower #3 of the KZNE array. Furthermore since the maximum predicted power density for the KNDE auxiliary antenna within 3.5 meters of the tower which supports it is $10.3 \mu\text{W}/\text{cm}^2$, or 5.2% of the permitted level for uncontrolled exposure, it is obvious that the only area where the total power density can possibly exceed the permitted level for uncontrolled exposure is located within less than 3.5 meters of the tower base. Since the area surrounding the base of this tower is surrounded by a fence, including appropriate warning signs to restrict access to all areas within six meters of the tower base, it is obvious that continued compliance with the FCC's nonionizing radiation exposure requirements will be maintained.

KNDE will also take appropriate steps to insure that workers that must be on this tower will not be exposed to levels of nonionizing radiation that are in excess of the permitted level for controlled exposure. These steps will include the cessation of operation or a reduction in power, as appropriate, when work becomes necessary in areas on this tower where the power density levels are in excess of the permitted level for controlled exposure.



KNDE Nonionizing Radiation Calculations
(Auxiliary Antenna System)

[View Tabular Results +](#)

| | | | |
|--------------------------------|--------------------------------|-------------------------------|------|
| Channel Selection | Channel 236 (95.1 MHz) ▼ | | |
| Antenna Type + | EPA Type 2: Opposed V Dipole ▼ | | |
| Height (m) | 53.3 | Distance (m) | 100 |
| ERP-H (W) | 5500 | ERP-V (W) | 5500 |
| Num of Elements | 3 | Element Spacing (λ) | 1 |
| Num of Points | 500 | Apply | |