

**Comprehensive Technical Exhibit**  
*Application for License*  
KYUS-DT – Miles City, Montana  
KYUS Broadcasting Corp.  
June, 2009

**Application for License**

The following engineering statement and attached exhibits have been prepared for **KYUS Broadcasting Corp.** ("KYUS"), licensee of digital television station KYUS-DT at Miles City, Montana, and are in support of their application for license to cover the construction permit for post-transition DTV facilities.<sup>1</sup>

On June 25, 2008, KYUS was granted construction permit BPCDT-20080616AEK, which authorized post-transition operations for KYUS on channel 3. Originally the facility had been assigned channel 13, however that channel was surrendered due to the flexibility afforded to satellite facilities for flash-cutting to DTV operations. This construction permit authorized the flash-cut from analog to digital operations on channel 3.

KYUS-DT operates as a satellite of KULR-DT at Billings, Montana.<sup>2</sup> The facility is programmed from KULR-DT, and operates pursuant to a waiver of the main studio rules. The applicant will continue this arrangement.

The facility was constructed in accordance with the terms of the construction permit. Permissible modifications pursuant to Section 73.1690 are not applicable in this case. The construction of the post-transition facility involved replacing the transmitter and associated equipment. No change in the antenna or transmission line was performed as these items were previously utilized for analog NTSC operations.

---

<sup>1</sup> The Facility ID for KYUS-DT at Miles City, Montana is 5237.

<sup>2</sup> The Facility ID for KULR-DT at Billings, Montana is 35724.

The construction permit, as issued, listed two special conditions or restrictions. KYUS is in compliance with both of these restrictions. Each restriction or special condition will be discussed in this technical exhibit.

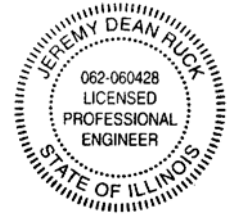
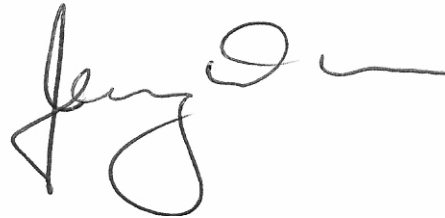
The first special condition or restriction is a notification to KYUS concerning the date on which operations pursuant to the construction permit could commence. Under this condition, KYUS was prevented from commencing operation prior to February 17, 2009, or any such other date as may be established by the Commission, without prior authorization by the Commission. KYUS certifies that it commenced operation with the specified facilities on June 12, 2009.

The second special condition or restriction pertains to the notification of health facilities by KYUS prior to the commencement of operation. KYUS has complied with this special condition by making the necessary identification of and notifications to relevant facilities. It should be noted that the referenced section of the Commission's Rules does not pertain devices operating in the VHF low-band spectrum. Nevertheless, KYUS has undertaken the necessary identification and notifications as discussed.

The transmitter in use by the facility complies with the provisions of Section 73.1660 of the Commission's Rules. Appropriate proof data for the facility is contained within the public file. The specified transmitter power output achieves the authorized effective radiated power.

**Affidavit**

The preceding statement and attached exhibits have been prepared by me, or under my direction, and are true and accurate to the best of my belief and knowledge.



Above signature is digitized copy of actual signature  
License Expires November 30, 2009

**Jeremy D. Ruck, PE**  
**June 22, 2009**