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April 5, 2024

Request for Engineering STA
KSBN(AM) Spokane, Washington
Facility ID 64668
KSBN Radio, Inc.

ENGINEERING STATEMENT

This Engineering Statement supports an application for Special Temporary Authority for AM broadcasting station KSBN, Facility ID 64668, licensed to Spokane, Washington. KSBN Radio requests Special Temporary Operation, to allow the station to operate with limited facilities due to the pending loss of use of the station's licensed transmitter site. The facility proposed will consist of Information Station Specialist HPR.0990 antenna system with a 25 foot ground system. The antenna will be mounted on the roof of an 8 story building in downtown Spokane. Rooftop access is restricted by a locked door. The HPR.0990 antenna system and grounding will result in an inverse distance field of approximately 210 mV/m/kW/km, per the manufacturer's data.

Antenna Details

Location: 47°39' 24.4"N 117°25' 15.0" W (NAD83)
Frequency: 1230 kHz
Power: Not to exceed 200 watts

Thomas S. Gorton P.E
Consulting Engineer