

15 December 2014

Entry notes:

- * KOLZ is verified to be on the air but continues to be unreceivable. Multiple receivers on their own antennas at the KUWR studios receive a signal that has undecodeable tones in the audio.

Prima facie analysis indicates the nature of the interfering noise is characteristic of radiation from unlicensed Part 15 and Part 18 devices elevating the RF noise floor.

In the original Wyoming state EAS plan, the intent was for KUWR to monitor KOA-AM Denver directly. Rising noise levels made KOA reception impossible.

By August 2007 KOA was abandoned by this station as a monitoring assignment.

KOLZ-FM was intended to be a supplemental assignment as an intermediate relay of alerts at the national level. KOLZ is now solely an LP2 for Wyoming EAS area 2, with a monitoring assignment of NOAA/NWS (WXM37). As

such, no longer serves a purpose as an EAS monitoring assignment for KUWR.

Since August 2007, KUWR has utilized NPR as a PEP of FEMA via the NPR programming advisory (Squawk) channel on Galaxy 16 as the source of FEMA

issued alerts from Washington D.C. This source is an officially designated

PEP, so serves the purpose identical to that of KOA and KOLZ in the past.

No RWT alert was received from NOAA this week. A check of the NOAA receivers reveal normal audio at the correct levels. Reason for the non-reception is unknown. An e-mail query has been sent to Jeff Garmon

Jeff.Garmon@NOAA.Gov, Meteorologist in Charge, NWS/NOAA, Cheyenne, WY)

W. R. Fletcher
Chief Engineer
Wyoming Public Media Engineering