

Request for Extension of Special Temporary Authority

Gray Television Licensee, LLC (“Gray”), licensee of KPDX(TV), Vancouver, Washington (FID 35460) (“KPDX” or the “Station”),¹ pursuant to Section 73.1635 of the Commission’s rules, requests an Engineering Special Temporary Authority (“STA”) to operate KPDX at a further reduced power level in ATSC 3.0.

KPDX has operated in ATSC 3.0 at a reduced power since July 2020, as most recently authorized in File No. 194223. KPDX was granted a modification of license application to change to ATSC 3.0 operation with an effective radiated power of 741kW. (See File No. 0000107795). In preparation for the transition to ATSC 3.0, KPDX installed new equipment to implement the technology upgrade. While KPDX successfully transitioned to broadcasting in ATSC 3.0 on July 28, 2020 as planned, the Station determined that when it broadcasts at full power, its’ equipment produces out-of-band interference that exceeds the limits in the FCC’s rules. To maintain compliance with the FCC’s interference parameters, the Station must limit its transmitter power to 73 percent. Recently, the station has experienced equipment failures that make it impossible to maintain this power level. The station has had to reduce power to 280.5kW.

The Station has ordered a new transmitters which are scheduled to arrive in August. The Station will need to continue low power operations while the new transmitters are installed. As explained in previous STA requests, the Station expects to be able to resume full power operations in ATSC 3.0 once the new transmitters are installed.

¹ Gray acquired KPDX from KPTV-KPDX Broadcasting Corporation effective December 1, 2021 (See File. No. 0000145497).