

ENGINEERING STATEMENT  
RE APPLICATION FOR LICENSE TO COVER  
OUTSTANDING CONSTRUCTION PERMIT  
(FCC FILE NO. BMPEDT-20060707AEF)  
ON BEHALF OF  
STATE BOARD OF EDUCATION, STATE OF IDAHO  
KUID-DT, MOSCOW, IDAHO  
CHANNEL 12 78 KW ERP 339.7 METERS HAAT

AUGUST 2006

COHEN, DIPPELL AND EVERIST, P.C.  
CONSULTING ENGINEERS  
RADIO AND TELEVISION  
WASHINGTON, D.C.

COHEN, DIPPELL AND EVERIST, P. C.

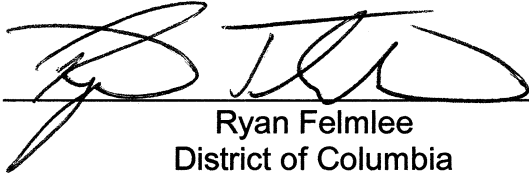
City of Washington           )  
  ) ss  
District of Columbia        )

Ryan Felmlee, being duly sworn upon his oath, deposes and states that:

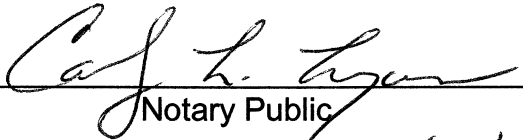
He is a graduate electrical engineer of the Pennsylvania State University, has successfully completed the Engineer-In-Training examination ("EIT") in the State of Virginia, and is a staff engineer of Cohen, Dippell and Everist, P.C., Consulting Engineers, Radio - Television, with offices at 1300 L Street, N.W., Suite 1100, Washington, D.C. 20005;

That the attached engineering report was prepared by him or under his supervision and direction and

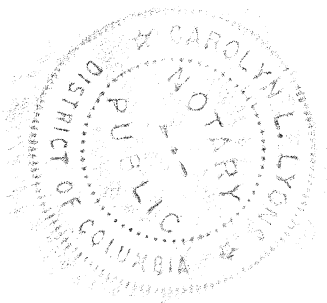
That the facts stated herein are true of his own knowledge, except such facts as are stated to be on information and belief, and as to such facts he believes them to be true.

  
\_\_\_\_\_  
Ryan Felmlee  
District of Columbia

Subscribed and sworn to before me this 2<sup>nd</sup> day of August, 2006.

  
\_\_\_\_\_  
Notary Public

My Commission Expires: 2/28/2008



This engineering statement has been prepared on behalf of State Board of Education, State of Idaho ("KUID"), licensee of KUID-TV, Moscow, Idaho. The purpose of this engineering statement is to request a license to cover the outstanding construction permit (FCC File No. BMPEDT-20060707AEF) for digital television ("DTV") operation.

KUID-TV has a license to operate on NTSC television channel 12 (-) with a maximum effective radiated power ("ERP") of 316 kW non-directional and an height above average terrain ("HAAT") of 346 meters (1135.2 feet). KUID-TV has been allotted DTV Channel 35 with a maximum ERP of 804.7 kW and a HAAT of 346 meters. In MB Docket No. 02-315 (RM-10566), KUID was authorized to swap channels for KUID-TV and KUID-DT. Thus, KUID-TV has been allotted channel 35 (-) for its NTSC operation with a maximum ERP of 320 kW at an HAAT of 296 meters and channel 12 for its DTV operation with a maximum ERP of 128.5 kW at an HAAT of 339.7 meters, effective September 13, 2004. KUID-DT was authorized to construct DTV facilities of 78kW at 339.7 meters HAAT on channel 12. KUID hereby requests a license to cover the outstanding construction permit (FCC File No. BMPEDT-20060707AEF).

The geographic coordinates of the existing site are:

North Latitude: 46° 40' 54"

West Longitude: 116° 58' 13"

NAD-27

Equipment Data

Antenna: Dielectric, Type TW-12B12 (or equivalent) horizontally polarized antenna with 0.5° electrical beam tilt.

Power Data

Transmitter output	7.12 kW	8.53 dBk
Dielectric 3-1/8" EIA rigid 50 ohm or equivalent—length 85 meters (280 ft)	91.2%	0.40 dB
Input power to the antenna	6.50 kW	8.13 dBk
Antenna power gain, Main Lobe	12	10.79 dB
Effective Radiated Power, Maximum	78 kW	18.92 dBk

Special Operation Condition

The State Board of Education, State of Idaho acknowledges that the grant of this DTV license is subject to the special operating condition specified in the outstanding construction permit. Therefore, the licensee certifies that it has made a good faith effort to identify and notify potentially affected health care facilities within the KUID-DT service area authorized by the outstanding construction permit.