

**FEDERAL COMMUNICATIONS COMMISSION**  
**445 Twelfth Street, SW**  
**Washington, DC 20554**

**MEDIA BUREAU**  
**AUDIO DIVISION**  
**APPLICATION STATUS:** (202) 418-2730  
**HOME PAGE:** [www.fcc.gov/mb/audio/](http://www.fcc.gov/mb/audio/)

**PROCESSING ENGINEER:** Ann Gallagher  
**TELEPHONE:** (202) 418-2716  
**FACSIMILE:** (202) 418-1411  
**MAIL STOP:** 1800B3  
**E-MAIL:** [Ann.Gallagher@fcc.gov](mailto:Ann.Gallagher@fcc.gov)

September 28, 2010

Lawrence M. Miller  
Schwartz, Woods & Miller  
1233 20<sup>th</sup> Street NW Suite 610  
Washington, DC 20036-7322

In re: Request for Experimental  
Authority  
Dillingham City Schools  
KDLG, Dillingham, AK  
Facility ID No.: 16932

Dear Counsel:

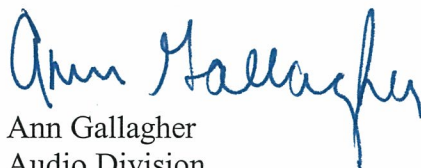
The staff has under consideration the request received on September 20, 2010, for experimental authority to permit KDLG to operate with carrier amplitude controlled according to modulation density, a technique referred to as "dynamic carrier control"(DCC). The experimental authority is requested pursuant to 47 C.F.R. § 73.1510 for a period of one year.

The letter request states that KDLG, a noncommercial educational station, is working with the Alaska Public Broadcasting Commission to test DCC as a means of controlling costs for several noncommercial stations in "remote rural Alaska." The request indicates that the details of the proposed test program are similar to those approved on June 24, 2010, for use by Kotzebue Broadcasting, Inc., the licensee of KOTZ, Kotzebue, Alaska. KDLG requests a waiver of 47 C.F.R. § 73.1560(a) to permit reduction of unmodulated carrier power to levels as low as 35 percent of nominal carrier power. This technique, commonly used in high-powered medium wave and shortwave radio transmitters throughout the world, may permit substantial savings in transmitter power. There will be no changes to KDLG's authorized operation aside from variations in antenna input power, which will not exceed the licensed maximum.

Accordingly, the requested experimental authority described above IS HEREBY GRANTED. This authority is specifically conditioned on the lack of objectionable interference. A report detailing the methodology employed and the results obtained must be submitted within **ninety** days following the

conclusion of the experimental operation pursuant to 47 C.F.R. § 73.1510(d). This experimental authority expires on **September 28, 2011**. Any request for extension of this authority should be filed at least thirty days prior to this expiration date. **Additionally, such a request must include an interim version of the aforementioned report that details the progress of the experimental program as of the filing date.**

Sincerely,

A handwritten signature in blue ink that reads "Ann Gallagher". The signature is fluid and cursive, with the first name "Ann" and last name "Gallagher" clearly distinguishable.

Ann Gallagher  
Audio Division  
Media Bureau