

HATFIELD & DAWSON

BENJAMIN F. DAWSON III, PE
THOMAS M. ECKELS, PE
STEPHEN S. LOCKWOOD, PE
DAVID J. PINION, PE
ERIK C. SWANSON, PE

THOMAS S. GORTON, PE
MICHAEL H. MEHIGAN, PE
GREGORY J. FORREST, PE

CONSULTING ELECTRICAL ENGINEERS
9500 GREENWOOD AVE. N.
SEATTLE, WASHINGTON 98103

TELEPHONE (206) 783-9151
FACSIMILE (206) 789-9834
E-MAIL hatdaw@hatdaw.com

JAMES B. HATFIELD, PE
CONSULTANT

MAURY L. HATFIELD, PE
(1942-2009)

PAUL W. LEONARD, PE
(1925-2011)

ENGINEERING MEMORANDUM:

KDIS, 1110 kHz, Pasadena, CA Facility ID # 25076

This memorandum has been prepared in connection with the construction permit for FM translator K256CX, Facility ID # 141730, which authorizes the installation of the FM translator antenna on one of the towers of the KDIS directional antenna system.

Construction permit condition 4 requires partial proof of performance measurements on the KDIS antenna system prior and subsequent to the translator antenna installation. However as a part of the installation circumstances, the licensee of KDIS plans to perform a moment method proof of performance on the directional antenna subsequent to the translator antenna installation. Thus it is believed that the requirements of §1.30003(b)(1) of the rules should not be applicable. The application for license for the translator should therefore include confirmation of the prior or simultaneous filed FCC form 302-AM with the moment method proof of performance for KDIS.

In an abundance of caution, the licensee of KDIS also requests Special Temporary Authority to operate with parameters at variance to allow adjustment of the antenna system to the moment method determined values upon installation of the translator antenna and completion of the analysis process outlined in §73.151(c).

March 2, 2017



Benj. F. Dawson III, P.E.

Hatfield & Dawson Consulting Engineers, LLC