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ELECTROMAGNETIC FIELD MEASUREMENTS AT DEER POINT FM & TV TRANSMITTER SITE

Prepared for Scripps Broadcasting Holdings LLC

KJOT, 105.1 MHz

AUXILIARY FACILITY

BOISE, IDAHO

FCC Facility ID Number 6329

November 2017

INTRODUCTION

In May and November of 2013, November 2016, and again November 2017 Hatfield & Dawson was retained to measure the radiofrequency power density around the FM & TV transmitting facility at Deer Point, located northeast of Boise, ID. This report was issued for the November 2017 set of measurements for operation on the KJOT auxiliary facility.

These measurements were made with KJOT operating from the Auxiliary antenna. Radiofrequency power density measurements were made between the hours of 1:00 PM and 2:00 PM on 14 November 2017. Measurements were made by Stephen S. Lockwood, P.E. using the same equipment and procedures outlined in the May 2013¹ report (see BMLH 20161121ADS). All FM and TV transmitters at the site were reportedly operating at 100% of licensed power as the measurements were made. The attached map summarizes the measurements. The measurements show a reduction of the RF exposure at ground level for this auxiliary operation. However, this site is still classified as a controlled site as some areas exceed the public MPE under full power operation. The RF exposure conditions and conclusion remain the same as outlined in the May 2013 report.

STATEMENT OF ENGINEER

This Engineering Report regarding radiofrequency field measurements around the Deer Point FM and TV transmitter site located northeast of Boise, Idaho, has been prepared by the undersigned or under my direct supervision. All representations contained herein are true to the best of my knowledge. I am an experienced radio engineer whose qualifications are a matter of record with the Federal Communications Commission. I am a partner in the firm of Hatfield and Dawson Consulting Engineers and am Registered as a Professional Engineer in the States of Washington, Alaska, and Wyoming.

Stephen S. Lockwood, P.E.

7 December 2017



¹ The Narda equipment was calibrated December 2016

AREA THAT EXCEEDS FCC
PUBLIC/UNCONTROLLED MPE

DEER POINT
LLC TOWER

SITE BOUNDARY MARKED
BY 4"x4" POST WITH RF
CAUTION SIGNS AND NO
TRESPASSING

SUTRO I
TOWER

SUTRO II
TOWER

FISHER
BROADCASTING
TOWER

KING
BROADCASTING
TOWER

NOT TO SCALE

Dwayne Straume, H&D 11/20/2017 2:30 PM

deer point AUX meas.dwg

HATFIELD & DAWSON
CONSULTING ENGINEERS

DEER POINT TRANSMITTER SITE

BOISE, ID

11/2017