

ENGINEERING EXHIBIT  
APPLICATION FOR CONSTRUCTION PERMIT  
DUHAMEL BROADCASTING ENTERPRISES  
TELEVISION STATION KSGW-DT  
SHERIDAN, WYOMING

Engineering Statement

The engineering exhibit consisting of this statement and the attached coverage map was prepared on behalf of Duhamel Broadcasting Enterprises in support of an application for construction permit for DTV operation by KSGW-TV Sheridan, Wyoming. Station KSGW-TV currently operates on NTSC channel 12 and proposes DTV operation on channel 13. In RM-9955, MM Docket No. 00-184, released February 1, 2001, DTV channel 13 was allotted to Sheridan, Wyoming as a substitute for KSGW-TV's DTV channel 21.

The proposed DTV operation will employ the same transmitting facility as currently used by KSGW-TV. The DTV operation proposed is identical to the facility authorized in RM-9955, therefore the instant application complies with the Certification Checklist of FCC Form 301, section III-D.

The transmitter site employed by the existing NTSC operation of KSGW on channel 12 and soon to be employed by DTV station KSGW on channel 13, is also the transmitter site of two Class C FM stations and other full-service and low-power television stations. The FM stations are not collocated with KSGW even though the geographic coordinates are identical. Due to the complex radiofrequency

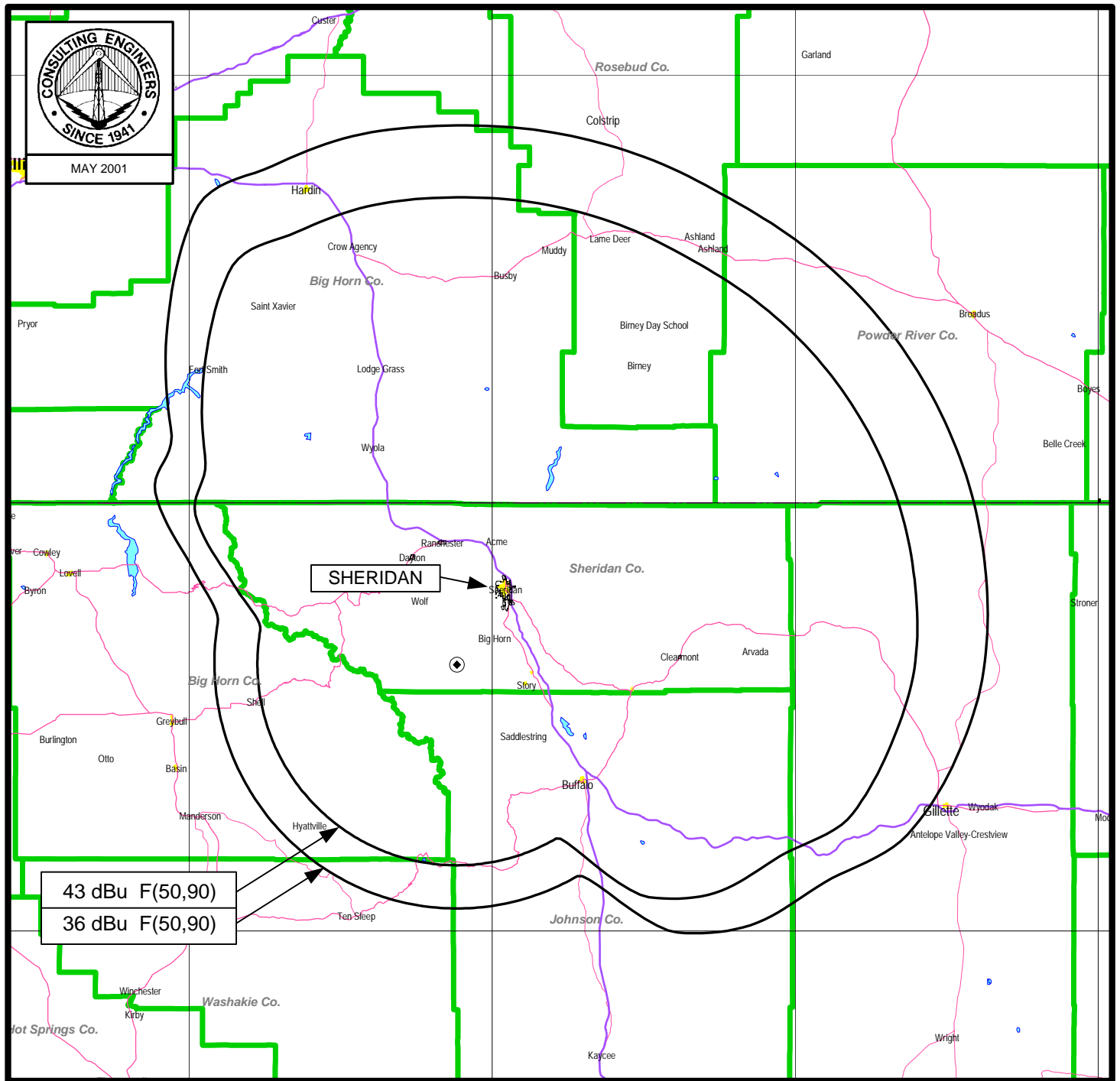
environment at the KSGW site, power density measurements will be taken after construction of the DTV facility so as to identify any area where the power density may exceed the recommended level. Should such areas be identified, they will either be marked or the area fenced, with warning signs posted.

After power density measurements have been made, the FCC will be advised of the results with the application for license for DTV station KSGW.

The transmitter site is not accessible by the general public, as the access road to the site requires use of an all-terrain vehicle. The site is therefore considered "controlled".

Louis R. du Treil, Sr.  
Du Treil, Lundin & Rackley, Inc.  
201 Fletcher Avenue  
Sarasota, Florida 34237-6019

April 30, 2001



## **PREDICTED COVERAGE CONTOURS**

TV STATION KSGW-DT  
SHERIDAN, WYOMING  
CH 13 50 KW 372 M

du Treil, Lundin & Rackley, Inc. Sarasota, Florida