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EXHIBIT E

ENGINEERING STATEMENT

concerning

APPLICATION FOR A CHANGE TO STANDARD AM  
RADIO STATION KAJO, GRANTS PASS, OREGON

on behalf of

GRANTS PASS BROADCASTING CORPORATION

INTRODUCTION

This engineering report represents the considerations involved in the application by Grants Pass Broadcasting Corporation for a construction permit to change the daytime transmitter power of AM Radio station KAJO, Grants Pass, Oregon, presently licensed to operate on 1270 kilohertz, with 5.0 kW daytime and 0.048 kW nighttime non-directional from Grants Pass, Oregon.

Grants Pass Broadcasting Corporation proposes to increase the daytime transmitter power from 5.0 to 10.0 kW. No other changes are requested. The nighttime power will remain at 0.048 kW.

SECTION III-A TECHNICAL SPECIFICATIONS

Exhibit E-1 is a vertical sketch of the existing AM tower radiator which is 185.5 degrees in vertical length. No change is proposed for this radiator. Exhibit E-2 is a site plan of the existing surrounding property showing the layout of the tower and description of the existing buried ground system.

Exhibit E-3A, a full scale portion of the 7.5 minute Grants Pass Geological Survey map, shows the existing antenna location and proposed 1000 mV/m contour for daytime operation with 10.0 kW. This contour extends 1.0 km from the radiator, and is based on the FCC Figure M3 map conductivity value of 4 mS/m. Exhibit E-3B is a reduced scale copy of the entire 7.5 minute Grants Pass Geological Survey map showing the relationship of the KAJO antenna site with respect to the city of Grants Pass.

A current aerial photograph of the area surrounding the KAJO antenna site could not be located. However, Exhibit E-3A does represent the general location of homes located within the 1000 mV/m "blanket" contours which extends out 0.73 km for the existing 5.0 kW power and 1.0 km for the proposed 10.0 kW transmitter power and these two contours are shown in this exhibit.

The population of the area within the proposed 10.0 kW 1000 mV/m contour is 1699 persons as counted using the centroid method based on the year 2000 data available from the U.S. Bureau of Census. The Applicant acknowledges the responsibility to satisfy all reasonable complaints of blanketing interference within this contour in compliance with 47 CFR Section 73.318(b), (c) and (d).

Following are distances to the existing and proposed 1000, 5, 2 and 0.5 mV/m contours. The M3 map conductivity within all contours is 4 mS/m.

	1000 mV/m	5 mV/m	2 mV/m	0.5 mV/m
Existing 5 kW	0.73 km	22.4 km	34 km	62 km
Proposed 10 kW	1.0	26.3	39.5	73

Exhibit E-4A is a map showing the existing and proposed daytime 5 mV/m and 2 mV/m contours. The entire incorporated area of Grants Pass is within both the existing and proposed 5 mV/m contours. Exhibit E-4B is a map showing the existing and proposed 0.5 mV/m contours.

Exhibit E-5 is the AM daytime permissible groundwave allocation radiation study. This study shows it is possible for KAJO to operate non-directional daytime with a maximum power of 35 kW which corresponds to a maximum permissible radiation of 2300 mV/m at 1 km. The Applicant has chosen to increase power only to 10 kW to minimize the potential for radio frequency interference into electronic devices within the vicinity of the KAJO antenna site.

Exhibit E-6 contains an environmental impact statement showing compliance with FCC specified guidelines for human exposure to radio frequency radiation. The existing radiator is surrounded by two fences with locked gates, the furthest of which is 90 meters from the tower base at the closest point.

Respectfully submitted,

/s/

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August 31, 2001