

EXHIBIT 3

ENVIRONMENTAL STATEMENT

An Environmental Assessment (EA) is categorically excluded under 47 C.F.R. Section 1.1306(b) of the FCC Rules and Regulations since the Applicant's proposal does not:

1. Involve a site location specified under 47 C.F.R. Section 1.1307(a)(1) through (7).

2. Involve high intensity lighting under 47 C.F.R. Section 1.1307(a)(8).

3. Result in human exposure to radiofrequency radiation in excess of the applicable safety standards specified in 47 C.F.R. Section 1.1307(b), (ANSI C95.1-1982 and ANSI C95.1-1991).

The proposed KQEO FM antenna will be mounted on an existing support structure used by FM radio station KUPI-FM. The area surrounding the proposed antenna site should be considered a controlled environment since the public does not have access to this area. There are other communications and FM broadcast facilities in the vicinity.

The Maximum Permissible Exposure (MPE) for controlled environments at FM frequency of 107.1 MHz is 1000 uW/cm². The contributing radio frequency power density at a height of 2.0 meters above ground level from the proposed antenna, radiating a total of 164 kW ERP (82 kW-H and 82 kW-V), may be determined by the equation (10) on page 23 of the FCC OST Bulletin No. 65 dated August 1997.

The relative field strength at depression angles between -35 and -90 degrees towards the ground for the Jampro Antennas, Inc. Model JHPC-8 8 element FM antenna, utilizing 0.6 wavelength vertical spacing between the elements, is less than 0.082 as shown in the attached vertical plane elevation pattern tabulation. The center of radiation for the 8 element antenna is 35 meters above ground level. The maximum power density 2.0 meters above ground level from the proposed antenna is:

$$S = \frac{(33.4)(0.081)^2(164,000 \text{ watts})}{(33 \text{ m})^2}$$

$$S = 33 \text{ uW/cm}^2$$

The total radio frequency power density, at a height of 2.0 meters above ground level at the base and in the vicinity of the tower, resulting from the proposed channel 296C1 FM operation will not exceed 33 uW/cm².

continued

Therefore, the proposed installation does comply with ANSI and FCC specified guidelines for controlled and uncontrolled human exposure to radio frequency radiation. The tower structure will be fenced or equipped with anti-climb devices to prevent unauthorized access. The Applicant will instruct all personnel to terminate RF radiations from this antenna when service work requires that persons climb the tower structure for any purpose.

The Applicant believes there will be no significant effect on the human environment regarding public exposure or occasional visits by technical personnel and that warning signs will be sufficient for proper notification of a potential hazard.

Any future site lease agreements for antenna and transmitter space at this tower site will contain conditions to require compliance with all present and future FCC requirements for required protection of operating and technical service personnel from radio frequency radiations. The Applicant understands that interruptions to normal radio transmissions will be necessary when maintenance personnel must work on the tower structure.



ELEVATION PATTERN TABULATION

RELATIVE FIELD VS ELEVATION ANGLE

<u>ELEVATION</u> <u>ANGLE</u>	<u>RELATIVE</u> <u>FIELD</u>	<u>ELEVATION</u> <u>ANGLE</u>	<u>RELATIVE</u> <u>FIELD</u>	<u>ELEVATION</u> <u>ANGLE</u>	<u>RELATIVE</u> <u>FIELD</u>
10	0.189	-26	0.048	-61	0.031
9	0.297	-27	0.076	-62	0.036
8	0.410	-28	0.099	-63	0.039
7	0.523	-29	0.115	-64	0.042
6	0.633	-30	0.123	-65	0.043
5	0.735	-31	0.125	-66	0.044
4	0.825	-32	0.119	-67	0.044
3	0.899	-33	0.109	-68	0.043
2	0.954	-34	0.095	-69	0.042
1	0.988	-35	0.076	-70	0.041
0	1.000	-36	0.057	-71	0.038
-1	0.988	-37	0.035	-72	0.036
-2	0.954	-38	0.014	-73	0.033
-3	0.899	-39	0.006	-74	0.031
-4	0.825	-40	0.025	-75	0.029
-5	0.735	-41	0.042	-76	0.026
-6	0.633	-42	0.056	-77	0.024
-7	0.523	-43	0.066	-78	0.022
-8	0.410	-44	0.074	-79	0.019
-9	0.297	-45	0.079	-80	0.018
-10	0.189	-46	0.081	-81	0.016
-11	0.090	-47	0.080	-82	0.015
-12	0.002	-48	0.077	-83	0.013
-13	0.072	-49	0.071	-84	0.013
-14	0.131	-50	0.064	-85	0.012
-15	0.173	-51	0.055	-86	0.011
-16	0.201	-52	0.045	-87	0.010
-17	0.212	-53	0.034	-88	0.009
-18	0.211	-54	0.024	-89	0.009
-19	0.196	-55	0.014	-90	0.008
-20	0.171	-56	0.004		
-21	0.139	-57	0.005		
-22	0.103	-58	0.013		
-23	0.063	-59	0.020		
-24	0.024	-60	0.027		
-25	0.014				

ELEVATION PATTERN:

Customer: KQEO, Idaho Falls
Channel: 107.1 MHz. 8 bay
Notes: 0.6 λ Spaced Gain will be \approx 3.0 (to be measured)