

MULLANEY ENGINEERING, INC.

9049 SHADY GROVE COURT
GAITHERSBURG, MD 20877

ENGINEERING EXHIBIT EE-LIC:

**RADIO STATION KRSI(FM)
SORENSEN PACIFIC BROADCASTING, INC.
GARAPAN-Saipan, MP**

Ch. 250C1 6.5 KW 455 M HAAT

FEBRUARY 27, 2004

**ENGINEERING STATEMENT IN SUPPORT OF
A LICENSE APPLICATION FOR A
MODIFIED FM STATION
USING A DIPLEXED ANTENNA SYSTEM**

File No. BPH-20001116ACD - Facility ID: 54766

QUESTION 7 - EXHIBIT 8 OF FCC FORM 302-FM

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TABLE OF CONTENTS:

1. F.C.C. Form 302-FM.
2. Declaration of Engineer
3. Narrative Statement
4. Table A, Summary of Technical Facilities Installed.
5. Appendix A, Spurious Emission Measurements.

Declaration

I, John J. Mullaney, declare and state that I am a graduate electrical engineer with a B.E.E. and my qualifications are known to the Federal Communications Commission, and that I am an principal engineer in the firm of Mullaney Engineering, Inc., and that I have provided engineering services in the area of telecommunications since 1977. My qualifications as an expert in radio engineering are a matter of record with the Federal Communications Commission.

The firm of Mullaney Engineering, Inc., has been requested by Sorensen Pacific Broadcasting, Inc., to prepare the instant engineering exhibit in support of a license application for FM Station KRSI(FM) (FCC Facility ID Number: 54766).

All facts contained herein are true of my own knowledge except where stated to be on information or belief, and as to those facts, I believe them to be true. Information concerning the technical equipment installed and compliance with special conditions was obtained directly from the licensee. No on-site inspection of the facility by Mullaney Engineering was made. I declare under penalty of perjury that the foregoing is true and correct.

/s/ John J. Mullaney

John J. Mullaney, Consulting Engineer

Executed on the 27th day of February 2004.

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NARRATIVE STATEMENT:

This engineering statement has been prepared on behalf of Sorensen Pacific Broadcasting, Inc., licensee / permittee of Radio Station KRSI(FM) at Garapan-Saipan, MP (Facility ID 54766). The purpose of this statement is to inform the Commission that construction has been completed and that the new facility complies with its outstanding construction permit (BPH-20001116ACD).

In accordance with the Special Operating Conditions on the construction permit, KRSI(FM) coordinated the times and locations of construction such that no worker was exposed to excessive R.F. levels and it will continue to do so in the future. The facility is in full compliance with both the “controlled” & “uncontrolled” FCC Radiation Guidelines. Since the facility contributes less than 12% of the “controlled” standard at ground level and is fenced.

Table A is a summary of the technical facilities installed.

Required Certifications

Appendix A are copies of measurements concerning spurious emissions taken by or under the direction of Marvin Palmer a qualified local engineer. Those measurements were taken with both FM stations operating at rated power and that those measurements indicate full compliance with the emission criteria specified in Section 73.317(b) through 73.317(d). Copies of the spurious measurements will be submitted as an amendment within 30 days. It is further stated that RF exposure signs and fencing are in place and no workers were exposed during construction. The antenna being used is a Jampro JMPC-4, 4 bay antennas with bays spaced 1.0 lambda apart.

Environmental Assessment Statement

This facility is in **full compliance** with the FCC's criteria for human exposure to RF Energy. The contribution at ground level is less than 12% of the "controlled" standard and since that contribution is less than 20% the facility also complies with the "un-controlled" standard. The tower is surrounded by a locked fence to limit inadvertent access. Workers employed to climb the tower or work in a potential overexposure location will not be permitted to enter the work area until cleared by the station manager or other responsible person. Appropriate warning signs are posted to ensure safety. If deemed to be necessary, the station will establish and enforce work rules and safety procedures applicable in a potential over-exposure area. It is recognized that maintenance or installation work on or near the antenna may require the station

to completely shutdown or switch temporarily to an auxiliary antenna or an auxiliary transmitter site.

SUMMARY

Sorensen Pacific Broadcasting, Inc., licensee / permittee of Radio Station KRSI(FM) herein files its license application indicating that construction has been completed. Measurements of spurious will be submitted as an amendment within 30 days.

/s/ John J. Mullaney

John J. Mullaney, Consulting Engineer

February 27, 2004.

Table A

Summary of Technical Facilities Installed

| | | | |
|-------------------------|-------------------------------------|----------------|--------------------|
| Call: | KRSI(FM) | | |
| City/State: | Garapan-Saipan, MP | | |
| Facility ID: | 54766 | | |
| Channel: | 250C1 | 97.9 MHz | |
| C.P. Number: | BPH-20001116ACD | | |
| Coordinates: | N 15-11-06 / E 145-44-30 Guam datum | | |
| Tower ASR: | None Required | | |
| Tip Height: | 42.1 M AGL | | |
| Antenna C.R.: | 36 M AGL | 488 M AMSL | 455 M HAAT |
| ERP: | 6.5 kW H | 6.5 kW V | |
| Antenna Make: | JAM | JMPC-4 | 1.0 lambda spacing |
| OMNI: | Yes | | |
| Ant. Gain: | 2.1 | | |
| Coax Efficiency: | 91.9 % | Andrew HJ7-50A | 1-5/8" 54.9 meters |
| TPO: | 3.37 kW | | |