# FCC 340

## APPLICATION FOR CONSTRUCTION PERMIT
FOR RESERVED CHANNEL
NONCOMMERCIAL EDUCATIONAL BROADCAST STATION

Read INSTRUCTIONS Before Filling Out Form

### Section I - General Information

1. **Legal Name of the Licensee/Permittee**
   UNIVERSITY OF REDLANDS

   **Mailing Address**
   1200 EAST COLTON AVENUE

   **City**
   REDLANDS

   **State or Country (if foreign address)**
   CA

   **Zip Code**
   92374 -

   **Telephone Number (include area code)**
   9093354000

   **E-Mail Address (if available)**
   FCCFILING@MPR.ORG

2. **Contact Representative (if other than licensee/Permittee)**
   JOSEPH M. DI SCIPIO, ESQ.

   **Firm or Company Name**
   FLETCHER, HEALD & HILDRETH, P.L.C.

   **Mailing Address**
   1300 NORTH 17TH STREET
   11TH FLOOR

   **City**
   ARLINGTON

   **State or Country (if foreign address)**
   VA

   **ZIP Code**
   22209 -

   **Telephone Number (include area code)**
   7038120400

   **E-Mail Address (if available)**
   DISCIPIO@FHHLAW.COM

3. **Is this application being filed in response to a window?**
   If Yes, specify closing date and/or window number:
   □ Yes □ No

4. **Application Purpose**

   - □ New station
   - □ Major Modification of construction permit
   - □ Major Change in licensed facility
   - □ Minor Modification of construction permit
   - □ Minor Change in licensed facility
   - □ Major Amendment to pending application
   - □ Minor Amendment to pending application

   (a) **File number of original construction permit:**
   -

   (b) **Service Type:**
   □ FM □ TV □ DTV

   (c) **DTV Type:**
   □ Pre-Transition □ Post-Transition □ Both

   (d) **Community of License:**
   City: REDLANDS
   State: CA

   (e) **Facility Type**
   □ Main □ Auxiliary

   If an amendment, **submit as an Exhibit** a listing by Section and Question Number the [Exhibit 1]
NOTE: The failure to include an explanatory providing full particulars in connection with a "No" response may result in dismissal of the application. See Instructions, paragraph L for additional information regarding completion of explanatory exhibits.

SECTION II - Legal and Financial

<table>
<thead>
<tr>
<th>Question</th>
<th>Description</th>
<th>Yes</th>
<th>No</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Certification. Applicant certifies that it has answered each question in this application based on its review of the application instructions and worksheets. Applicant further certifies that where it has made an affirmative certification below, this certification constitutes its representation that the application satisfies each of the pertinent standards and criteria set forth in the application instructions and worksheets.</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Eligibility. Each application must answer &quot;Yes&quot; to one and &quot;No&quot; to two of the three following certifications. An applicant should not submit an explanatory exhibit in connection with these Question 2 &quot;No&quot; responses. The applicant certifies that it is:</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>a.</td>
<td>a nonprofit educational institution; or</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>b.</td>
<td>a governmental entity other than a school; or</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>c.</td>
<td>a nonprofit educational organization, other than described in a. or b.</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3.</td>
<td>For applicants checking &quot;Yes&quot; to question 2(c) and applying for a new noncommercial educational television station only, the applicant certifies that the applicant's officers, directors and members of its governing board are broadly representative of the educational, cultural, and civic segments of the principal community to be served.</td>
<td>Yes</td>
<td>No</td>
<td>N/A</td>
</tr>
<tr>
<td>4.</td>
<td>a. The applicant certifies that the Commission has previously granted a broadcast application identified here by file number that found this applicant qualified as a noncommercial educational entity with a qualifying educational program, and that the applicant will use the proposed station to advance a program similar to that the Commission has found qualifying in applicant's previous application.</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>b.</td>
<td>Applicants who answered &quot;No&quot; to Question 4(a), must include an exhibit that describes the applicant's educational objective and how the proposed station will be used to advance an educational program that will further that objective according to 47 C.F.R. Section 73.503 (for radio applicants) and 47 C.F.R. Section 73.621 (for television applicants).</td>
<td></td>
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<tr>
<td>5.</td>
<td>The applicant certifies that its governing documents (e.g., articles of incorporation, by-laws, charter, enabling statute, and/or other pertinent organizational document) permit the applicant to advance an educational program and that there is no provision in any of those documents that would restrict the applicant from advancing an educational program or complying with any Commission rule, policy, or provision of the Communications Act of 1934, as amended.</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td>a. Parties to the Application. List separately each party to the application including, as applicable, the applicant, its officers, directors, five percent or greater stockholders, non-insulated partners, members, and all other persons and entities with attributable interests. If another entity hold an attributable interest in the applicant, list separately, as applicable, its officers, directors, five percent or greater stockholders, non-insulated partners, and board members. Create a separate row for each individual or entity. Attach additional pages if necessary.</td>
<td></td>
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</tbody>
</table>

b. Applicant certifies that equity and financial interests not set forth above are non-attributable pursuant to 47 C.F.R. Section 73.3555 and that there are no agreements or understandings with any non-party that would give influence over the applicant’s programming, personnel, or finances to that non-party.

7. **Other Authorizations.** List call signs, locations, and facility identifiers of all other broadcast stations in which applicant or any party to the application has an attributable interest pursuant to the notes to 47 C.F.R. Section 73.3555.

8. **Character Issues.** Applicant certifies that neither applicant nor any party to the application has or has had any interest in or connection with:
   a. any broadcast application in any proceeding where character issues were left unresolved or were resolved adversely against the applicant or party to the application; or
   b. any pending broadcast application in which character issues have been raised.

9. **Adverse Findings.** Applicant certifies that, with respect to the applicant, any party to the application, and any non-party equity owner in the applicant, no adverse finding has been made, nor has an adverse final action been taken by any court or administrative body in a civil or criminal proceeding brought under the provisions of any law related to any of the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another government unit; or discrimination.

   If the answer is "No," attach as an Exhibit a full disclosure concerning the persons and matters involved, including an identification of the the court or administrative body and the proceeding (by dates and file numbers), and a description of the disposition of the matter. Where the requisite information has been earlier disclosed in connection with another application or as required by 47 C.F.R. Section 1.65, the applicant need only provide: (i) an identification of that previous submission by reference to the file number in the case of an application, the call letters of the station regarding which the application or Section 1.65 information was filed, and the date of filing; and (ii) the disposition of the previously reported matter.

10. **Alien Ownership and Control.** Applicant certifies that it complies with the provisions of Section 310 of the Communications Act of 1934, as amended, relating to interests of aliens and foreign governments.

11. **Program Service Certification.** Applicant certifies that it is cognizant of and will comply with its obligations as a commission licensee to present a program service responsive to the issues of public concern facing the station's community of license and service area.

12. **Local Public Notice.** Applicant certifies compliance with the public notice requirements of 47 C.F.R. Section 73.3580.

13. **Anti-Drug Abuse Act Certification.** Applicant certifies that neither applicant nor any party to the application is subject to denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862.

14. **Equal Employment Opportunity (EEO).** If the applicant proposes to employ five or more full-time employees, applicant certifies that it is filing simultaneously with this application a Model EEO Program Report on FCC Form 396-A.

**QUESTIONS 15, 16 AND 17 APPLY ONLY TO APPLICANTS FOR NEW STATIONS. OTHER APPLICANTS CAN PROCEED TO QUESTION 18.**

15. **Financial.** The applicant certifies that sufficient net liquid assets are on hand or that sufficient funds are available from committed sources to construct and operate the requested facilities for three months without revenue.

   If "No" to 15., answer question 16. and 17.

16. Is this application contingent upon receipt of a grant from the National Telecommunications
Section III
Fair Distribution of Service Pursuant to 47 U.S.C. Section 307(b) (New and Major Changes to FM Radio Only) (Other applicants can proceed to Section IV).

1. Applicant certifies that the proposed station will provide a first noncommercial educational aural service to (a) at least 10 percent of the people residing within the station's 60 dBu (1mV/m) service contour and (b) to a minimum of 2,000 people. Applicants answering "Yes" must provide an Exhibit.

2. Applicant certifies that the proposed station will provide a second noncommercial educational aural service to (a) at least 10 percent of the people residing within the station's 60 dBu (1mV/m) service contour and (b) to a minimum of 2,000 people. Applicants answering "Yes" must provide an Exhibit.

Section IV Point System Factors - New and Major Change Applications Only (used to select among mutually exclusive radio and television applications for new stations and major modifications) NOTE: Applicants will not receive any additional points for amendments made after the close of the application filing window.
1. **Established Local Applicant**: Applicant certifies that for at least the 24 months immediately prior to application, and continuing through the present, it qualifies as a local applicant pursuant to 47 C.F.R. Section 73.7000, that its governing documents require that such localism be maintained, and that it has placed documentation of its qualifications as an established local applicant in a local public inspection file and has submitted to the Commission copies of the documentation.

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
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2. **Diversity of Ownership**: (a) Applicant certifies that the principal community (city grade) contour of the proposed station does not overlap the principal community contour of any other authorized station (comparing radio and television to television, including non-fill-in translator stations other than those identified in 2(b) below) in which any party to the application has an attributable interest as defined in 47 C.F.R. Section 73.3555, that its governing documents require that such diversity be maintained, and that it has placed documentation of its diversity qualification in a local public inspection file and has submitted to the Commission copies of the documentation.

(b) Is the application's certification to 2(a) based on its exclusion of translator station(s) that will be replaced with a full service station pursuant to the authorization requested here?

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
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</table>

If Yes, applicant must include an exhibit identifying the translator station authorization for which it will request cancellation upon commencement of operation of the proposed full service station (i.e., upon its filing of a license application and receipt of program test authority).

3. **State-wide Network**: Applicant certifies that (a) it has NOT claimed a credit for diversity of ownership above: (b) it is one of the three specific types of organizations described in 47 C.F.R. Section 73.7003(b)(3); and (c) it has placed documentation of its qualifications in a local public inspection file and has submitted to the Commission copies of the documentation.

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
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4. **Technical Parameters**: Applicant certifies that the numbers in the boxes below accurately reflect the new area and population that its proposal would serve with a 60 dBu (FM) or Grade B (TV) signal measured in accordance with the standard predicted contours in 47 C.F.R. Section 73.713(c) (FM) and 73.683(TV) and that it has documented the basis for its calculations in the local public inspection file and has submitted copies to the Commission. Major modification applicants should include the area of proposed increase only (exclude any area already within the station's existing service area). (Points, if any, will be determined by FCC)

<table>
<thead>
<tr>
<th>New area served in square kilometers (excluding areas of water):</th>
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<tr>
<th>Population served based on the most recent census block data from the United States Bureau of Census using the centroid method:</th>
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</table>

SECTION V - Tie Breakers - New and Major Change Applications Only (used to choose among competing radio and television applications receiving the same number of points in Section IV)

1. **Existing Authorizations.** By placing a number in the box, the applicant certifies that it and other parties to the application have, as of the date of filing and pursuant to 47 C.F.R. Section 73.3555, attributable interests in the stated number of relevant broadcast station authorizations. Radio applicants should count all attributable full service radio stations, AM and FM, commercial and noncommercial, and FM translator stations other than fill-in stations or those identified in IV (2)(b) above. TV applicants should count all attributable full service TV stations, commercial and noncommercial and TV translator stations other than fill-in stations or those identified in IV(2)(b) above.

<table>
<thead>
<tr>
<th>(number of commercial and non-commercial licenses and construction permits)</th>
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<tbody>
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</tbody>
</table>

2. **Pending Applications.** By placing a number in the box, the applicant certifies that it and other parties to the application have, as of the date of filing and pursuant to 47 C.F.R. Section 73.3555, attributable interests in the stated number of pending applications for new or major changes to relevant broadcast stations. Radio applicants should count all attributable full service radio stations, AM and FM, commercial and noncommercial, and FM translator stations other than fill-in stations or those identified in IV(2)(b) above. TV applicants should count all attributable full service TV stations, commercial and noncommercial, and TV translator stations other than fill-in stations or those identified in IV(2)(b) above.

<table>
<thead>
<tr>
<th>(number of pending commercial and non-commercial applications)</th>
</tr>
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</table>

**Section VI -- Certification**

I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I acknowledge that all certifications and attached Exhibits are considered material representations. I hereby waive any claim to the use of any particular frequency as against the regulatory power of the United States because
Section VII Preparer's Certification

I certify that I have prepared Section VII (Engineering Data) on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

<table>
<thead>
<tr>
<th>Name</th>
<th>Relationship to Applicant (e.g., Consulting Engineer)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRED W. VOLKEN</td>
<td>ENGINEERING CONSULTANT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Signature</th>
<th>Date</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>3/26/2008</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Mailing Address</th>
<th>State or Country (if foreign address)</th>
<th>Zip Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>348 W. SIERRA MADRE BLVD.</td>
<td>CA</td>
<td>91024-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Telephone Number (include area code)</th>
<th>E-Mail Address (if available)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6263551171</td>
<td><a href="mailto:FREDWVOLKEN@EARTHLINK.NET">FREDWVOLKEN@EARTHLINK.NET</a></td>
</tr>
</tbody>
</table>

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

Section VII - FM Engineering

TECHNICAL SPECIFICATIONS

Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.

TECH BOX

1. Channel Number: 206

2. Class (select one):
   - D
   - C
   - A
   - B1
   - B
   - C3
   - C2
   - C1
   - C0
   - C

3. Antenna Location Coordinates: (NAD 27)
   - Latitude:
     - Degrees 34 Minutes 3 Seconds 42      North      South
   - Longitude:
     - Degrees 117 Minutes 9 Seconds 50      West      East

4. Proposed Assignment Coordinates: (NAD 27) - RESERVED CHANNELS ABOVE 220 ONLY
   - Not Applicable
   - Latitude:
     - Degrees Minutes Seconds      North      South
   - Longitude:
     - Degrees Minutes Seconds      West      East

5. Antenna Structure Registration Number: 1262563
   - Not Applicable
   - Notification filed with FAA

6. Overall Tower Height Above Ground Level: 30 meters
7. Height of Radiation Center Above Mean Sea Level: 474 meters(H)  meters(V)

8. Height of Radiation Center Above Ground Level: 26 meters(H)  meters(V)

9. Height of Radiation Center Above Average Terrain: -139 meters(H)  meters(V)

10. Effective Radiated Power: .29 kW(H)  kW(V)

11. Maximum Effective Radiated Power: (Beam-Tilt Antenna ONLY) Not Applicable kW(H)  kW(V)

12. Directional Antenna Relative Field Values: Not applicable (Nondirectional)

<table>
<thead>
<tr>
<th>Rotation (Degrees):</th>
<th>Degrees</th>
<th>Value</th>
<th>Degrees</th>
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<td>340</td>
<td>340</td>
<td>350</td>
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</table>

Additional Azimuths

**Relative Field Polar Plot**

**NOTE:** In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.

**CERTIFICATION**

**AUXILIARY ANTENNA APPLICANTS ARE NOT REQUIRED TO RESPOND TO ITEMS 13-17. PROCEED TO ITEM 18.**

13. **Main Studio Location.** The proposed main studio location complies with 47 C.F.R. Section 73.1125.

   ☐ Yes ☐ No

   See Explanation in [Exhibit 13]

14. **Community Coverage.** The proposed facility complies with 47 C.F.R. Section 73.315. (Channels 221 and above) or 47 C.F.R. Section 73.515 (Channels 220 and below).

   ☐ Yes ☐ No

   See Explanation in [Exhibit 14]

15. **Interference.** The proposed facility complies with all of the following applicable rule sections.

   Check all that apply:

   ☐ Yes ☐ No

   See Explanation in [Exhibit 15]

   **Contour Overlap Requirements.**
   a. [☐] 47 C.F.R. Section 73.509

   **Spacing Requirements.**
   b. [☐] 47 C.F.R. Section 73.207 with respect to station(s)

   **Grandfathered Short-Spaced.**
   c. [☐] 47 C.F.R. Section 73.213(a) with respect to station(s)

   **Contour Protection.**
   d. [☐] 47 C.F.R. Section 73.215(a) with respect to station(s)
**Exhibits**

**Exhibit 1**
**Description:** EXHIBIT 1

THIS AMENDMENT IS FILED TO REFLECT CHANGES TO SECTION VII, ITEM 5. THE SUPPORTING TOWER FOR THIS AUXILIARY ANTENNA HAS BEEN REGISTERED SINCE THE ORIGINAL APPLICATION WAS FILED. ITS NEW ASR NUMBER IS INCLUDED IN ITEM 5.

**Attachment 1**

**Exhibit 13**
**Description:** EXHIBIT 13

MAIN STUDIO LOCATION

THE PROPOSED AUXILIARY ANTENNA FACILITIES ARE NOT SUBJECT TO ANY MAIN STUDIO...
LOCATION REQUIREMENTS.

Attachment 13

Exhibit 14
Description: EXHIBIT 14

COMMUNITY COVERAGE

THE PROPOSED AUXILIARY ANTENNA FACILITIES ARE NOT SUBJECT TO ANY COMMUNITY COVERAGE REQUIREMENTS.

Attachment 14

Exhibit 15
Description: EXHIBIT 15

AUXILIARY ANTENNA FACILITIES

THIS EXHIBIT CONSISTS OF THE FOLLOWING:
STATEMENT
FIGURE 1, SERVICE CONTOURS

Attachment 15

<table>
<thead>
<tr>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>EXHIBIT 15, STATEMENT</td>
</tr>
<tr>
<td>EXHIBIT 15, FIGURE 1</td>
</tr>
</tbody>
</table>

Exhibit 21
Description: EXHIBIT 21

INTERNATIONAL BORDERS

THE PROPOSED AUXILIARY ANTENNA FACILITIES ARE NOT SUBJECT TO ANY REQUIREMENTS RELATED TO CONSIDERATION OF INTERNATIONAL BORDERS.

Attachment 21

Exhibit 22
Description: EXHIBIT 22

COMPLIANCE WITH ENVIRONMENTAL RULES

Attachment 22

<table>
<thead>
<tr>
<th>Description</th>
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<tr>
<td>EXHIBIT 22</td>
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EXHIBIT 15

Auxiliary Antenna Facilities

Statement

This application is for modification of the licensed auxiliary antenna facilities for KUOR-FM, to increase effective radiated power. No changes are proposed in the station’s existing auxiliary antenna system, including the antenna supporting tower. The application provides corrected information for the geographical coordinates, ground elevation, and antenna height above ground, and in turn the antenna height above mean sea level along with the antenna height above average terrain, for the proposed auxiliary antenna facilities.

Figure 1 of this Exhibit shows the predicted 60 dBu F(50,50) contour for the proposed KUOR-FM auxiliary antenna, and the predicted 60 dBu F(50,50) contour for the station’s licensed main transmitting facilities, and demonstrates that the contour for the proposed auxiliary antenna falls entirely within the contour for the station’s main facilities. The proposed auxiliary antenna therefore would comply with the requirements of Section 73.1675(a)(1) of the Commission’s Rules.

The contour for the KUOR-FM main facilities shown in this Exhibit was based on data contained in the Commission’s files, and the contour for the proposed KUOR-FM auxiliary antenna was based on data provided in this application. Both contours were determined in accordance with the requirements of Section 73.313 of the Commission’s Rules, from computerized calculations based on the NGDC 30-second terrain database and Figure 1 of Section 73.333 of the Rules. Distances to the contours were calculated at azimuthal increments of five degrees.

Fred W. Volken
Engineering Consultant

January 2008       Sierra Madre, California
EXHIBIT 15 (continued)
Auxiliary Antenna Facilities

FIGURE 1
Service Contours

California

KUOR-FM 60 dBu F(50,50),
main antenna

KUOR-FM MAIN ANTENNA

SAN BERNARDINO CO.

PROPOSED AUXILIARY ANTENNA

Proposed 60 dBu, F(50,50),
auxiliary antenna

RIVERSIDE CO.

Reference grid spacing - 15 min.
EXHIBIT 22

Compliance With Environmental Rules

This application is for modification of the licensed auxiliary antenna facilities for KUOR-FM, to increase effective radiated power. No changes are proposed in the station’s existing auxiliary antenna system, including the antenna supporting tower.

The proposed KUOR-FM auxiliary antenna would conform with the guidelines set forth in the Commission’s “OET Bulletin 65 (Edition 97-01) (August 1997)” concerning exposure to radiofrequency radiation, as demonstrated in this Exhibit.

The antenna system for the proposed KUOR-FM auxiliary antenna is a Collins Radio Co. Model 37M-3 FM Antenna, which is comprised of three horizontally polarized nondirectional radiating elements mounted in a vertical line and spaced one wavelength between elements. The antenna is side-mounted on a tower structure located on the roof of the Hall of Letters building at the University of Redlands. The roof of the building is 18 meters above ground, and the antenna supporting tower extends to an overall height of 12 meters above the roof level. The antenna radiation center is located 8 meters above the roof of the building, with the lowest radiating element of the antenna system at a height of 4.5 meters above the roof level.

For the proposed KUOR-FM auxiliary antenna, the values of electric field strength in the “radiating near-field region” (and into the “radiating far-field region” beyond) of the antenna array were obtained by calculating at the observation point the electric field from each individual radiating element of the array and then obtaining the vector sum of these fields. This method of computation was assumed to be valid for FM broadcast station antenna arrays at points in the space where the distance to the nearest radiating element of the array is at least one-half wavelength. For these calculations, an omnidirectional horizontal radiation pattern was assumed for each antenna element, and the vertical radiation pattern of each antenna element was assumed to be a cosine function modified to provide 15 percent of the horizontal radiation directly below (and also above) the radiating element, where a complete null would otherwise exist. In accordance with the procedures described in “OET Bulletin 65,” a value of effective radiated power of 0.29 kW was assumed for the proposed KUOR-FM auxiliary antenna, to take into account the horizontally polarized radiation from the antenna system, and the calculated electric field strength was multiplied by 1.6 to approximate the effect of ground reflection. Plane-wave equivalent power density was then determined from this adjusted electric field strength value.
Compliance With Environmental Rules

Computations of the values of adjusted electric field strength in the vicinity of the proposed KUOR-FM auxiliary antenna, based upon the above described computing method, show that power density levels resulting from operation of the proposed auxiliary antenna would not exceed 0.16 mW/cm², or 80 percent of the Maximum Permissible Exposure value of 0.2 mW/cm² for uncontrolled exposure situations at 89.1 MHz, at any point at a height of 2 meters or less above the roof of the Hall of Letters building, in the vicinity of the base of the antenna tower structure.

The base of the tower structure for the proposed KUOR-FM auxiliary antenna is accessible only through a locked door leading to the roof of the Hall of Letters building, and this prevents unauthorized access to the structure. One or more RF hazard warning signs are posted near the base of the tower structure. In any instance where it becomes necessary for workers to climb the supporting tower, or to remain for extended periods in areas where power density levels may exceed the allowable values, the proposed auxiliary antenna will be operated only at reduced power, or will not be placed in operation at all, as may be required to protect all workers from exposure to hazardous levels of radio-frequency radiation.

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