

SECTION III - LICENSE APPLICATION ENGINEERING DATA

Name of Applicant

The Voice of International Christian Evangelism, Inc.

PURPOSE OF AUTHORIZATION APPLIED FOR: (check one)

☐

Station License

☒

Direct Measurement of Power

1. Facilities authorized in construction permit

| Call Sign | File No. of Construction Permit (if applicable) | Frequency (kHz) | Hours of Operation | Power in kilowatts | |
|-------------|--|--------------------|--------------------|--------------------|------------|
| | | | | Night | Day |
| KGBA | Does not apply | 1490 | Unlimited | 1.0 | 1.0 |

2. Station location

| | |
|-------------------|--------------|
| State | City or Town |
| California | Heber |

3. Transmitter location

| | | | |
|-------------------|-----------------|--------------|---|
| State | County | City or Town | Street address (or other identification) |
| California | Imperial | Heber | 1251 Highway 86 |

4. Main studio location

| | | | |
|-------------------|-----------------|------------------|---|
| State | County | City or Town | Street address (or other identification) |
| California | Imperial | El Centro | 605 W. State St. |

5. Remote control point location (specify only if authorized directional antenna) Does not apply

| | | | |
|-------|--------|--------------|---|
| State | County | City or Town | Street address (or other identification) |
|-------|--------|--------------|---|

6. Has type-approved stereo generating equipment been installed?

☐

Yes

☒

No

7. Does the sampling system meet the requirements of 47 C.F.R. Section 73.68?

☐

Yes

☐

No

☒

Not Applicable

 Attach as an Exhibit a detailed description of the sampling system as installed. **Does not apply**

Exhibit No.

8. Operating constants:

| | | | |
|---|-------------|---|--------------|
| RF common point or antenna current (in amperes) without modulation for night system | | RF common point or antenna current (in amperes) without modulation for day system | |
| 4.38 | | 4.38 | |
| Measured antenna or common point resistance (in ohms) at operating frequency | | Measured antenna or common point reactance (in ohms) at operating frequency | |
| Night | Day | Night | Day |
| 52.0 | 52.0 | +j 64 | +j 64 |

Antenna indications for directional operation Does not apply

| Towers | Antenna monitor Phase reading(s) in degrees | | Antenna monitor sample current ratio(s) | | Antenna base currents | |
|--------|--|-----|--|-----|-----------------------|-----|
| | Night | Day | Night | Day | Night | Day |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

 Manufacturer and type of antenna monitor: **Does not apply**

SECTION III - Page 2

9. Description of antenna system ((f directional antenna is used, the information requested below should be given for each element of the array. Use separate sheets if necessary.)

| | | | | |
|---|---|---|---|---|
| Type Radiator Uniform cross-section guyed | Overall height in meters of radiator above base insulator, or above base, if grounded. 50.3 | Overall height in meters above ground (without obstruction lighting) 50.3 | Overall height in meters above ground (include obstruction lighting) 51.2 | If antenna is either top loaded or sectionalized, describe fully in an Exhibit. <div>Exhibit No. Does not apply</div> |
|---|---|---|---|---|

Excitation



Series



Shunt

Geographic coordinates to nearest second. For directional antenna give coordinates of center of array. For single vertical radiator give tower location.

| | | | |
|----------------|--------------------|----------------|---------------------|
| North Latitude | 32° 44' 31" | West Longitude | 115° 33' 08" |
|----------------|--------------------|----------------|---------------------|

If not fully described above, attach as an Exhibit further details and dimensions including any other antenna mounted on tower and associated isolation circuits. **See Engineering Report.**

Exhibit No.

Also, if necessary for a complete description, attach as an Exhibit a sketch of the details and dimensions of ground system. **Does not apply**

Exhibit No.

10. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?

Does not apply

11. Give reasons for the change in antenna or common point resistance.

See Engineering Report.

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

| | |
|--|--|
| Name (Please Print or Type) Fred W. Volken | Signature (check appropriate box below) <i>Fred W. Volken</i> |
| Address (include ZIP Code) P.O. Box 1506 Sierra Madre, CA 91025-4506 E-mail: fred.volken@verizon.net | Date March 24, 2023 |
| | Telephone No. (Include Area Code) (626) 355-1171 |



Technical Director



Registered Professional Engineer



Chief Operator



Technical Consultant

Other (specify) **Engineering Consultant**