

JOB DESCRIPTION

BROADCAST ENGINEER

Family Life Ministries has an opening for a full-time staff Broadcast Engineer. This is an opportunity to work with a trusted Christian ministry where Jesus is at the heart of everything we do. Family Life, in its 63rd year of ministry, includes full-time departments in Performing Arts, Biblical Counseling, and Events, as well as our regional Radio Ministry. Family Life considers its radio outreach to be a sacred trust to communicate the gospel of Christ through a blended approach of contemporary Christian music, strategically placed Bible teaching programs, and family-oriented, inspiring drama. Currently the Network has nearly 70 radio outlets of FM stations and translators.

I. Qualifications

- A. Have a minimum 2-year degree in electronics technology or equivalent
- B. Have a valid driver's license
- C. Have or agree to obtain within one-year FCC GROL or SBE certification
- D. Have or agree to obtain within one-year Comtrain or equivalent tower climbing certification and be able to perform tower work to 300'
- E. Be able to lift at least 50 pounds from the floor to waist high
- F. Have a basic understanding of IP networking topology

II. Requirements

- A. Travel throughout New York and Pennsylvania with approximately 15% overnight travel
- B. A self-starter with a strong desire to learn and work with a minimum or no supervision
- C. Able to adjust to a very changeable workload
- D. Able to perform electrical wiring to NEC standard
- E. An aptitude in building and tower construction
- F. Previous experience in FM broadcast engineering

III. Responsibilities

A. Routine transmitter site maintenance

1. Check transmitter output and reflected power
2. Clean transmitter building
3. Change air filters
4. Tune tube transmitters
5. Perform generator test and maintenance
6. Adjust processors when necessary

B. Other responsibilities

1. Listen to stations/transmitters while traveling to determine quality of sound
2. Respond to outages at transmitter sites
3. Troubleshoot problems to module or component level
4. Visually check tower lights
5. Verify operation of satellite downlink audio system
6. Be involved in tower construction sites
7. Install antenna, feedline, etc. on broadcast towers