



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**FM BROADCAST TRANSLATOR/BOOSTER STATION**  
**CONSTRUCTION PERMIT**

Authorizing Official:

Official Mailing Address:

---

PHASOR PHYSICS, INC.  
P.O. BOX 680241  
PARK CITY UT 84069

---

---

George H. Gwinn  
Supervisory Engineer  
Audio Division  
Media Bureau

---

Facility Id: 37764

Call Sign: K297AT

Permit File Number: BPFT-20050822AAA

Grant Date: August 29, 2005

This permit expires 3:00 a.m.  
local time, 36 months after the  
grant date specified above.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Name of Permittee: PHASOR PHYSICS, INC.

Principal community to be served: UT-PARK CITY

Primary Station: KRCL (FM) , Channel 215, SALT LAKE CITY, UT

Via: Direct - off-air

Frequency (MHz): 107.3

Channel: 297

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 40 deg 40 min 59 sec  
West Longitude: 111 deg 31 min 22 sec

Transmitter: Type Accepted. See Sections 73.1660, 74.1250 of the Commission's Rules

Antenna type: (directional or non-directional): Non-Directional

Major lobe directions (degrees true): Not Applicable

Horizontally Polarized Antenna:  
Vertically Polarized Antenna:

Effective radiated power in the Horizontal Plane (kw): 0.011  
Height of radiation center above ground (Meters): 11  
Height of radiation center above mean sea level (Meters): 2242

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 17 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

Special operating conditions or restrictions:

- 1 Prior to commencing program test operations, FM Translator or FM Booster permittee must have on file at the Commission, FCC Form 350, Application for an FM Translator or FM Booster Station License, pursuant to 47 C.F.R. Section 74.14.
- 2 The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

Special operating conditions or restrictions:

3 \*\*\*NOTE TO PERMITTEE\*\*\*

Notwithstanding the grant of this construction permit or the expiration date specified herein, your station's license will automatically expire as a matter of law on April 18, 2006, if the station has not resumed broadcasting before that time. See Pub. Law No. 104-104, 110 Stat. 56, Section 403(1) (1996) and Order, Silent Station Authorizations, FCC 96-218 (released May 17, 1996). See also Public Notice, Expedited Processing of Applications Filed By Silent Stations, DA 96-818 (May 22, 1996).

Upon resumption of broadcasting, the licensee must notify the Commission by letter addressed to:

Office of the Secretary  
Federal Communications Commission  
445 12th Street, SW, Washington, DC 20554  
ATTN: Chief, Audio Division, Media Bureau

This notice will be in addition to an application for a license to cover this permit.

\*\*\* END OF AUTHORIZATION \*\*\*