



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

SALEM COMMUNICATIONS HOLDING CORPORATION
4880 SANTA ROSA ROAD
CAMARILLO CA 93012

Edward P. De La Hunt
Associate Chief
Audio Division
Media Bureau

Grant Date: May 30, 2001

Facility Id: 42081

Call Sign: WLQV

Permit File Number: BP-19881031AE

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

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

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.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

Jan.	8:00 AM	5:30 PM	Jul.	5:15 AM	8:15 PM
Feb.	7:30 AM	6:00 PM	Aug.	5:45 AM	7:30 PM
Mar.	6:45 AM	6:45 PM	Sep.	6:15 AM	6:45 PM
Apr.	6:00 AM	7:15 PM	Oct.	6:45 AM	6:00 PM
May	5:15 AM	7:45 PM	Nov.	7:30 AM	5:15 PM
Jun.	5:00 AM	8:15 PM	Dec.	8:00 AM	5:00 PM

Callsign: WLQV

Permit No.: BP-19881031AE

Name of Permittee: SALEM COMMUNICATIONS HOLDING CORPORATION

Station Location: DETROIT, MI

Frequency (kHz): 1500

Station Class: B

Antenna Coordinates:

Day

Latitude: N 42 Deg 13 Min 52 Sec

Longitude: W 83 Deg 11 Min 58 Sec

Night

Latitude: N 42 Deg 13 Min 52 Sec

Longitude: W 83 Deg 11 Min 58 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 50.0 Night: 10.0

Antenna Mode: Day: DA Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1007332	
2	1007333	
3	1007334	
4	1007335	
5	1007336	
6	1007337	
7	1007338	
8	1007339	
9	1007340	

Night:

Tower No.	ASRN	Overall Height (m)
1	1007332	
2	1007333	
3	1007334	
4	1007335	
5	1007336	
6	1007337	
7	1007338	
8	1007339	
9	1007340	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 2273 Night: 1005

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 2416 Night: 1056

Q Factor: Day: Night: 31.62

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.3750	134.000	0.0000	0.000	0	131.8
2	0.5140	152.600	215.0000	107.000	0	131.8
3	0.1760	166.000	430.0000	107.000	0	131.8
4	1.1850	-109.000	95.0000	167.000	0	131.8
5	1.6250	-90.400	275.1000	124.400	0	131.8
6	0.5550	-77.000	484.5000	116.800	0	131.8
7	1.0000	0.000	190.0000	167.000	0	131.8
8	1.3710	18.600	351.0000	135.000	0	131.8
9	0.4680	32.000	550.2000	124.400	0	131.8

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	31.0	20.0	5150.00
2	63.0	20.0	258.00
3	78.0	30.0	346.00
4	92.0	30.0	351.00
5	107.0	30.0	240.00
6	122.0	30.0	174.00
7	142.0	40.0	145.00
8	162.0	40.0	241.00
9	177.0	30.0	370.00
10	242.0	56.0	322.00
11	255.0	26.0	209.00
12	272.0	36.0	180.00
13	287.0	30.0	241.00
14	304.0	26.0	241.00

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.2940	-89.700	0.0000	0.000	0	131.8
2	0.6350	-82.000	215.0000	107.000	0	131.8
3	0.3660	-66.600	430.0000	107.000	0	131.8
4	0.4530	-11.400	95.0000	167.000	0	131.8
5	1.0000	0.000	275.1000	124.400	0	131.8
6	0.5640	10.500	484.5000	116.800	0	131.8
7	0.2390	79.000	190.0000	167.000	0	131.8
8	0.5210	96.000	351.0000	135.000	0	131.8
9	0.3030	110.200	550.2000	124.400	0	131.8

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	61.7	27.0	100.00
2	79.1	10.0	50.00
3	107.1	30.0	55.00
4	137.3	20.0	53.00
5	161.1	30.0	58.00
6	248.1	24.0	90.00
7	260.5	22.0	74.00
8	273.6	22.0	71.00
9	289.0	8.0	80.00
10	303.9	24.0	58.00
11	317.8	20.0	64.00

Inverse Distance Field Strength:

The inverse distance field strength at a distance of one kilometer from the above antenna in the directions specified shall not exceed the following values:

Night:

Azimuth:	Radiation:	
61.7	100	mV/m
79.1	50	mV/m
107.1	55	mV/m
137.3	53	mV/m
161.1	58	mV/m
199.1	342.8	mV/m
248.1	90	mV/m
273.6	71	mV/m
303.9	58	mV/m
317.8	64	mV/m

Special operating conditions or restrictions:

- 1 A complete nondirectional proof of performance, in addition to complete proofs on the daytime and nighttime directional antenna systems, shall be submitted before program tests are authorized. The nondirectional and directional field strength measurements must be made under similar environmental conditions.

*** END OF AUTHORIZATION ***