



Gregory L. Masters
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2019 MAR 19 PM 2:22

March 18, 2019

ORIGINAL

BY HAND VIA COURIER

Marlene H. Dortch, Secretary
Federal Communications Commission
445 Twelfth Street, S.W.
12th Street Lobby, TW-A325
Washington, DC 20554

Accepted / Filed

MAR 18 2019

Federal Communications Commission
Office of the Secretary

Re: **Salem Communications Holding Corporation– FRN: 0003760352**
Station KDIZ(AM), Golden Valley, MN (Fac. ID 10828)
Application for Station License
Request for Program Test Authority

Dear Ms. Dortch:

On behalf of Salem Communications Holding Corporation, licensee of AM station KDIZ, Golden Valley, Minnesota, we are submitting herewith an original and two copies of an application on FCC Form 302-AM for license to cover Construction Permit BP-20180330AAC. Program Test Authority is requested.

The fee due for this application, \$725.00, has been paid, using the FCC Fee Filer system. A copy of Form 159 confirming the payment is included herewith.

Should there be any questions concerning this application, please contact the undersigned.

Respectfully Submitted,

Gregory L. Masters

000156633

Agency Tracking ID:PGC3224884

Authorization Number:076673

Successful Authorization -- Date Paid: 3/18/19

FILE COPY ONLY!!

READ INSTRUCTIONS CAREFULLY BEFORE PROCEEDING (1) LOCKBOX #979089	FEDERAL COMMUNICATIONS COMMISSION REMITTANCE ADVICE FORM 159 PAGE NO 1 OF 1	APPROVED BY OMB 3060-059 SPECIAL USE FCC USE ONLY
SECTION A - Payer Information		
(2) PAYER NAME (if paying by credit card, enter name exactly as it appears on your card) Salem Communications Holding Corporation		(3) TOTAL AMOUNT PAID (dollars and cents) \$725.00
(4) STREET ADDRESS LINE NO. 1 4880 Santa Rosa Road		
(5) STREET ADDRESS LINE NO. 2		
(6) CITY Camarillo	(7) STATE CA	(8) ZIP CODE 93012
(9) DAYTIME TELEPHONE NUMBER (INCLUDING AREA CODE) 805-3844502		(10) COUNTRY CODE (IF NOT IN U.S.A.) US
FCC REGISTRATION NUMBER (FRN) AND TAX IDENTIFICATION NUMBER (TIN) REQUIRED		
(11) PAYER (FRN) 0003760352		(12) FCC USE ONLY
IF PAYER NAME AND THE APPLICANT NAME ARE DIFFERENT, COMPLETE SECTION B IF MORE THAN ONE APPLICANT, USE CONTINUATION SHEETS (FORM 159-C)		
(13) APPLICANT NAME Salem Communications Holding Corporation		
(14) STREET ADDRESS LINE NO. 1 4880 Santa Rosa Road		
(15) STREET ADDRESS LINE NO. 2		
(16) CITY Camarillo	(17) STATE CA	(18) ZIP CODE 93012
(19) DAYTIME TELEPHONE NUMBER (INCLUDING AREA CODE) 805-3844502		(20) COUNTRY CODE (IF NOT IN U.S.A.) US
FCC REGISTRATION NUMBER (FRN) AND TAX IDENTIFICATION NUMBER (TIN) REQUIRED		
(21) APPLICANT (FRN) 0003760352		(22) FCC USE ONLY
COMPLETE SECTION C FOR EACH SERVICE, IF MORE BOXES ARE NEEDED, USE CONTINUATION SHEET		
(23A) FCC Call Sign/Other ID KDIZ	(24A) Payment Type Code(PTC) MMR	(25A) Quantity 1
(26A) Fee Due for (PTC) \$725.00	(27A) Total Fee \$725.00	FCC Use Only
(28A) FCC CODE 1 10828	(29A) FCC CODE 2 Form302-AM	
(23B) FCC Call Sign/Other ID	(24B) Payment Type Code(PTC)	(25B) Quantity
(26B) Fee Due for (PTC)	(27B) Total Fee	FCC Use Only
(28B) FCC CODE 1	(29B) FCC CODE 2	

FOR
FCC
USE
ONLY

Accepted / Filed

MAR 18 2019

Federal Communications Commission
Office of the Secretary

FCC 302-AM
APPLICATION FOR AM
BROADCAST STATION LICENSE

(Please read instructions before filling out form.)

FOR COMMISSION USE ONLY

FILE NO. *FL-20190318ABX*

SECTION I - APPLICANT FEE INFORMATION

1. PAYOR NAME (Last, First, Middle Initial)

Salem Communications Holding Corporation

MAILING ADDRESS (Line 1) (Maximum 35 characters)

4880 Santa Rosa Road

MAILING ADDRESS (Line 2) (Maximum 35 characters)

CITY

Camarillo

STATE OR COUNTRY (if foreign address)

CA

ZIP CODE

93012

TELEPHONE NUMBER (include area code)

(805) 987-0400

CALL LETTERS

KDIZ

OTHER FCC IDENTIFIER (if applicable)

10828

2. A. Is a fee submitted with this application?

☒ Yes ☐ No

B. If No, indicate reason for fee exemption (see 47 C.F.R. Section

☐

Governmental Entity

☐

Noncommercial educational licensee

☐

Other (Please explain):

C. If Yes, provide the following information:

Enter in Column (A) the correct Fee Type Code for the service you are applying for. Fee Type Codes may be found in the "Mass Media Services Fee Filing Guide." Column (B) lists the Fee Multiple applicable for this application. Enter fee amount due in Column (C).

(A)

FEE TYPE CODE		
M	M	R

(B)

FEE MULTIPLE			
0	0	0	1

(C)

FEE DUE FOR FEE TYPE CODE IN COLUMN (A)
\$ 725.00

FOR FCC USE ONLY

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To be used only when you are requesting concurrent actions which result in a requirement to list more than one Fee Type Code.

(A)

--	--	--

(B)

0	0	0	1
---	---	---	---

(C)

\$

FOR FCC USE ONLY

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ADD ALL AMOUNTS SHOWN IN COLUMN C, AND ENTER THE TOTAL HERE. THIS AMOUNT SHOULD EQUAL YOUR ENCLOSED REMITTANCE.

TOTAL AMOUNT REMITTED WITH THIS APPLICATION

\$ 725.00

FOR FCC USE ONLY

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SECTION II - APPLICANT INFORMATION		
1. NAME OF APPLICANT Salem Communications Holding Corporation		
MAILING ADDRESS 4880 Santa Rosa Road		
CITY Camarillo	STATE CA	ZIP CODE 93012

2. This application is for:

- ☒ Commercial
 ☐ Noncommercial
☐ AM Directional
 ☒ AM Non-Directional

Call letters KDIZ	Community of License Golden Valley, MN	Construction Permit File No. BP-20180330AAC	Modification of Construction Permit File No(s).	Expiration Date of Last Construction Permit 07/02/2021
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3. Is the station now operating pursuant to automatic program test authority in accordance with 47 C.F.R. Section 73.1620?

☐ Yes ☒ No

Exhibit No.

If No, explain in an Exhibit. See engineering exhibit.

4. Have all the terms, conditions, and obligations set forth in the above described construction permit been fully met?

☒ Yes ☐ No

Exhibit No.

If No, state exceptions in an Exhibit.

5. Apart from the changes already reported, has any cause or circumstance arisen since the grant of the underlying construction permit which would result in any statement or representation contained in the construction permit application to be now incorrect?

☐ Yes ☒ No

Exhibit No.

If Yes, explain in an Exhibit.

6. Has the permittee filed its Ownership Report (FCC Form 323) or ownership certification in accordance with 47 C.F.R. Section 73.3615(b)?

☐ Yes ☐ No

☒ Does not apply

Exhibit No.

If No, explain in an Exhibit.

7. Has an adverse finding been made or an adverse final action been taken by any court or administrative body with respect to the applicant or parties to the application in a civil or criminal proceeding, brought under the provisions of any law relating to the following: any felony; mass media related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination?

☐ Yes ☒ No

Exhibit No.

If the answer is Yes, attach as an Exhibit a full disclosure of the persons and matters involved, including an identification of the court or administrative body and the proceeding (by dates and file numbers), and the disposition of the litigation. Where the requisite information has been earlier disclosed in connection with another application or as required by 47 U.S.C. Section 1.65(c), 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.

8. Does the applicant, or any party to the application, have a petition on file to migrate to the expanded band (1605-1705 kHz) or a permit or license either in the existing band or expanded band that is held in combination (pursuant to the 5 year holding period allowed) with the AM facility proposed to be modified herein?

☐ Yes ☒ No

If Yes, provide particulars as an Exhibit.

Exhibit No.

The APPLICANT hereby waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because use of the same, whether by license or otherwise, and requests and authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended).


The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations and that all the exhibits are a material part hereof and are incorporated herein as set out in full in

CERTIFICATION

1. By checking Yes, the applicant certifies, that, in the case of an individual applicant, he or she is not subject to a denial of federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862, or, in the case of a non-individual applicant (e.g., corporation, partnership or other unincorporated association), no party to the application is subject to a denial of federal benefits that includes FCC benefits pursuant to that section. For the definition of a "party" for these purposes, see 47 C.F.R. Section 1.2002(b).

☒ Yes ☐ No

2. 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.

Name Christopher J. Henderson	Signature 	
Title Executive Vice President & Secretary	Date 3/18/2019	Telephone Number (805)987-0400

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

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The Commission will use the information provided in this form to determine whether grant of the application is in the public interest. In reaching that determination, or for law enforcement purposes, it may become necessary to refer personal information contained in this form to another government agency. In addition, all information provided in this form will be available for public inspection. If information requested on the form is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Your response is required to obtain the requested authorization.

Public reporting burden for this collection of information is estimated to average 639 hours and 53 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, can be sent to the Federal Communications Commission, Records Management Branch, Paperwork Reduction Project (3060-0627), Washington, D. C. 20554. Do NOT send completed forms to this address.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

SECTION III - LICENSE APPLICATION ENGINEERING DATA

Name of Applicant

Salem Communications Holding Corporation

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
KDIZ	BP-20180330AAC	1570	Unlimited	0.22	4.0

2. Station location

State Minnesota	City or Town Golden Valley
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3. Transmitter location

State MN	County Hennepin	City or Town Golden Valley	Street address (or other identification) 935 North Lilac Drive
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4. Main studio location

State MN	County Dakota	City or Town Eagan	Street address (or other identification) 2110 Cliff Road
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5. Remote control point location (specify only if authorized directional antenna)

State	County	City or Town	Street address (or other identification)
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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.

Exhibit No. N/A

8. Operating constants:

RF common point or antenna current (in amperes) without modulation for night system 2.04	RF common point or antenna current (in amperes) without modulation for day system 8.70
Measured antenna or common point resistance (in ohms) at operating frequency Night 52.8 Day 52.8	Measured antenna or common point reactance (in ohms) at operating frequency Night -3.3 Day -3.3

Antenna indications for directional operation

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:

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	Overall height in meters of radiator above base insulator, or above base, if grounded.	Overall height in meters above ground (without obstruction lighting)	Overall height in meters above ground (include obstruction lighting)	If antenna is either top loaded or sectionalized, describe fully in an Exhibit.
Guyed Tower	61.0	62.0	62.0	<div style="border: 1px solid black; padding: 2px;">Exhibit No. N/A</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 44 ° 59 ' 19 "	West Longitude 93 ° 21 ' 07 "
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If not fully described above, attach as an Exhibit further details and dimensions including any other antenna mounted on tower and associated isolation circuits.

Exhibit No.
ENG.

Also, if necessary for a complete description, attach as an Exhibit a sketch of the details and dimensions of ground system.

Exhibit No.
ENG.

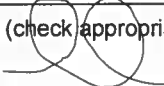
10. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?

None

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

New Construction

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) Kurt Gorman	Signature (check appropriate box below) 
Address (include ZIP Code) Phasetek Inc. 550 California Rd., Unit 11 Quakertown, PA 18951	Date March 18, 2019 Telephone No. (Include Area Code) 215-536-6648

☐

Technical Director

☐

Registered Professional Engineer

☐

Chief Operator

☒

Technical Consultant

☐

Other (specify)

PHASETEK INC.

**ENGINEERING STATEMENT CONCERNING
KDIZ, 1570 KHZ
GOLDEN VALLEY, MINNESOTA
MARCH, 2019**

SUMMARY

Adjustment of the Diplexing equipment was performed on Radio Station KDIZ, 1570 KHz, Golden Valley, Minnesota, after installation of the equipment at the Transmitter site of Radio Station KYCR, 1440 KHz. KDIZ holds Construction Permit Number: BP-20180330AAC to change Transmitter site. This report was prepared on behalf of SALEM COMMUNICATIONS HOLDING CORPORATION, licensee of Radio Station KDIZ.

SITE MODIFICATIONS

The KDIZ Transmitter site is that as currently licensed for Radio Station KYCR, 1440 KHz. New Diplexing equipment has been installed. All Towers remain unchanged. No changes have been made to the currently licensed KYCR sampling system.

SPURIOUS EMISSIONS

Due to the common usage of the Transmitter site by both Radio Stations KYCR, 1440 KHz and KDIZ, 1570 KHz, filtering has been installed and adjusted at all Towers to prevent interaction and spurious radiation products. Figures 2A and 2B show measurement of any spurious radiation products. All filter circuits are adjusted for a high impedance with respect to the towers for Radio Station KYCR. Therefore, there is no change to the presently licensed directional Night operation of Radio Station KYCR, 1440KHz. The tower #1(C) impedance has changed for KYCR non-directional Day operation. A form 302-AM has been done to correct the Day operation.

PHASETEK INC.

ENGINEERING STATEMENT CONCERNING KDIZ, 1570 KHZ GOLDEN VALLEY, MINNESOTA MARCH, 2019

SPECIAL OPERATING CONDITION 4

In accordance with special operating Condition 4 of the KDIZ Construction Permit, Spurious Emissions measurements were performed on KDIZ and KYCR after construction. Also, Impedance and Monitor Point measurements were performed on KYCR. Form 302-AM is filed for KYCR to correct Day operation only. KYCR Night operation has not been changed from the current licensed operating parameters and all Directional Monitor Points remain in tolerance with FCC maximum permitted values.

SPECIAL OPERATING CONDITION 5

In accordance with special operating Condition 5 of the KDIZ Construction Permit, concerning a partial proof of performance for Radio Station WWTC, 1280 kHz, this has not been done since WWTC has moved from its previously licensed site and is co-located with Radio Station KKMS, 980 kHz. This site is over 5km from the KYCR/KDIZ site. Therefore, due to the distance and that no new tower construction has been done, there is no impact to the currently licensed operation of Radio Station WWTC.

MEASURING EQUIPMENT AND PERSONNEL


Tower Resistance and Reactance measurements were made with a Delta Electronics OIB-3 Operating Impedance Bridge and a HP 8753ES Network Analyzer with a Tunwall directional coupler. Before use, tests of known impedances were made to verify operation. All Field Intensity Measurements were made with a Potomac Instruments Field Intensity Meter; FIM-41, Serial Number 2181, calibrated on June 27, 2016. The meter was calibrated by Potomac Instruments, Frederick, Maryland. All measurements were taken by Phasetek Inc. personnel supervised by Kurt Gorman of Phasetek Inc.

PHASETEK INC.

**ENGINEERING STATEMENT CONCERNING
KDIZ, 1570 KHZ
GOLDEN VALLEY, MINNESOTA
MARCH, 2019**

CONCLUSION

It is believed that the KDIZ Antenna System has been constructed and adjusted in accordance with all applicable Commission rules and regulations. The foregoing was prepared on behalf of SALEM COMMUNICATIONS HOLDING CORPORATION, under the immediate supervision of Kurt Gorman, Phasetek Inc., Quakertown, Pennsylvania, whose qualifications are a matter of record with the Federal Communications Commission. The statements herein are true and correct of his knowledge, except such statements made on information and belief, and as to these statements he believes them to be true and correct.



**Kurt Gorman, President
Phasetek Inc.
Quakertown, Pennsylvania**

FIGURE 1

ANTENNA SYSTEM AS ADJUSTED

ENGINEERING STATEMENT CONCERNING KDIZ, 1570 KHZ GOLDEN VALLEY, MINNESOTA MARCH, 2019

ANTENNA SYSTEM DESCRIPTION

1. The Antenna System utilizes the existing Tower 3 (South) of Radio Station KYCR, 1440KHz. The Tower stands 61.0M (115^o) above its Base Insulator. All other Towers are detuned. There is no lighting or other Antennas mounted to the Tower. The existing KYCR sampling loop is isolated at the base with an isolation inductor. The tower ASRN is: 1024695.
2. The Ground System consists of (71) buried copper Radials, 33.54-99.1M in length, except where they intersect with copper transverse straps between Towers or property boundaries. In addition, there is a 7.3M by 7.3M copper ground screen at the tower base. All Radials are #10AWG. This is the existing Ground System of KYCR, 1440KHz, and remains unchanged. Copper strap connects all Towers to the main Transmitter grounding point.

NON-DIRECTIONAL OPERATION (DAY)

Impedance = 52.8 – j 3.3 Ohms
Current = 8.70 Amperes
Power = 4,000 Watts

NON-DIRECTIONAL OPERATION (NIGHT)

Impedance = 52.8 – j 3.3 Ohms
Current = 2.04 Amperes
Power = 220 Watts

FIGURE 2A
KDIZ SPURIOUS RADIATION MEASUREMENTS
MARCH, 2019
KYCR (1440 KHZ), 5.0 KW DAY (ND) MODE
KDIZ (1570 KHZ), 4.0 KW DAY(ND) MODE

<u>Frequency (kHz)</u>	<u>Field Intensity (mV/M)</u>	<u>Attenuation (dB) relative to</u>	
		<u>KYCR</u>	<u>KDIZ</u>
1440	520	--	--
1570	510	--	--
1180	.035	83.4	83.3
1310	.047	80.9	80.7
1700	.033	83.9	83.8
1830	<.01	>94.3	>94.2
2750	<.01	>94.3	>94.2
2880	.014	91.4	91.2
3010	.016	90.2	90.1
3140	.025	86.4	86.2
3270	<.01	>94.3	>94.2
4320	.015	90.8	90.6
4450	.033	83.9	83.8
4580	.013	92.0	91.9
4710	.011	93.5	93.3

Above taken with Potomac Instruments, FIM-41, 1.01 km from the Antenna on a bearing of 38°T. Point coordinates (NAD 27): N44° 59' 46.0", W93° 20' 37.8".

Above readings meet required attenuation of 80.0dB (KYCR Day) and 79.0dB (KDIZ Day).

FIGURE 2B
KDIZ SPURIOUS RADIATION MEASUREMENTS
MARCH, 2019
KYCR (1440 KHZ), 0.5 KW NIGHT (DA) MODE
KDIZ (1570 KHZ), 0.22 KW NIGHT (ND) MODE

<u>Frequency (kHz)</u>	<u>Field Intensity (mV/M)</u>	<u>Attenuation (dB) relative to</u>	
		<u>KYCR</u>	<u>KDIZ</u>
1440	259	--	--
1570	135	--	--
1180	.010	88.3	82.6
1310	.030	78.7	73.1
1700	.035	77.4	71.7
1830	<.01	>88.3	>82.6
2750	<.01	>88.3	>82.6
2880	.012	86.7	81.0
3010	.015	84.7	79.1
3140	<.01	>88.3	>82.6
3270	<.01	>88.3	>82.6
4320	.012	86.7	81.0
4450	<.01	>88.3	>82.6
4580	<.01	>88.3	>82.6
4710	<.01	>88.3	>82.6

Above taken with Potomac Instruments, FIM-41, 1.01 km from the Antenna on a bearing of 38°T. Point coordinates (NAD 27): N44° 59' 46.0", W93° 20' 37.8".

Above readings meet required attenuation of 70.0dB (KYCR Night) and 66.4dB (KDIZ Night).

SECTION III - LICENSE APPLICATION ENGINEERING DATA

Name of Applicant

Salem Communications Holding Corporation

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
KYCR	N/A	1440	Unlimited	0.5	5.0

2. Station location

State Minnesota	City or Town Golden Valley
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3. Transmitter location

State MN	County Hennepin	City or Town Golden Valley	Street address (or other identification) 935 North Lilac Drive
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4. Main studio location

State MN	County Dakota	City or Town Eagan	Street address (or other identification) 2110 Cliff Road
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5. Remote control point location (specify only if authorized directional antenna)

State MN	County Dakota	City or Town Eagan	Street address (or other identification) 2110 Cliff Road
-------------	------------------	-----------------------	--

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.

 Exhibit No.
On-File

8. Operating constants:

RF common point or antenna current (in amperes) without modulation for night system 3.29		RF common point or antenna current (in amperes) without modulation for day system 3.19	
Measured antenna or common point resistance (in ohms) at operating frequency Night 50.0 Day 490.0		Measured antenna or common point reactance (in ohms) at operating frequency Night 0.0 Day -110.9	

Antenna indications for directional operation

Towers	Antenna monitor Phase reading(s) in degrees		Antenna monitor sample current ratio(s)		Antenna base currents	
	Night	Day	Night	Day	Night	Day
1(C)	0.0		1.000			
2(NE)	-168.9		1.280			
3(SW)	165.0		1.000			

Manufacturer and type of antenna monitor:

Potomac Instruments 1901-3

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	Overall height in meters of radiator above base insulator, or above base, if grounded.	Overall height in meters above ground (without obstruction lighting)	Overall height in meters above ground (include obstruction lighting)	If antenna is either top loaded or sectionalized, describe fully in an Exhibit.
Guyed tower	79.0 #1,61.0 #2/#3	80.0 #1,62.0 #2/#3	81.0 #1,62.0 #2/#3	<div style="border: 1px solid black; padding: 2px;">Exhibit No. N/A</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 44 ° 59 ' 20 "	West Longitude 93 ° 21 ' 06 "
-------------------------------	-------------------------------

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

Exhibit No.
On-File

Also, if necessary for a complete description, attach as an Exhibit a sketch of the details and dimensions of ground system.

Exhibit No.
On-File

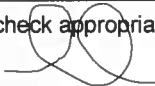
10. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?

N/A

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

Installation of diplexing filters

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) Kurt Gorman	Signature (check appropriate box below) 
Address (include ZIP Code) Phasetek Inc. 550 California Rd., Unit 11 Quakertown, PA 18951	Date March 18, 2019 Telephone No. (Include Area Code) 215-536-6648

☐

Technical Director

☐

Registered Professional Engineer

☐

Chief Operator

☒

Technical Consultant

☐

Other (specify)

AGREEMENT FOR ONGOING OPERATIONS

Salem Communications Holding Corporation, the licensee of radio stations KYCR(AM), FCC Facility ID No. 35504 ("KYCR") and KDIZ(AM), FCC Facility ID 10828, ("KDIZ") recognizes that use of the duplex site they share requires joint cooperation and coordination including occasional disruption of normal operation. Accordingly, both stations agree:

1 - To provide adequate notice to the other when work is required which will require a reduction in power or mode of operation.

2 - In the unlikely event that a failure should occur in the duplex system, the parties recognize that non-directional operation may be required until the system is repaired. KDIZ, as owner of the system, agrees to make repairs, and return of the system to normal operation, its highest priority, and at KDIZ's expense.

3 - Upon final implementation of the KYCR and KDIZ facilities, all measurements, adjustments and FCC filings having been satisfactorily performed, KYCR and KDIZ will continue to operate independently of each other in terms of maintenance of their respective transmitters, monitoring, audio and remote control and day-to-day operation of the duplex and directional antenna equipment. Each station will be required to maintain the equipment in the direct path between its transmitter and towers in good repair and in accordance with all applicable FCC rules and regulations.

4. To adhere to a worker safety plan for the duplex site.

5. This agreement may be filed with the FCC by either party hereto.

6. If either party obtains FCC approval to assign the license of its radio station that is involved in the duplex operation, that party may assign this Agreement to the assignee of that license.

SALEM COMMUNICATIONS HOLDING CORPORATION
as licensee of KYCR(AM)

By: Christopher J. Henderson
Title: Executive Vice President

SALEM COMMUNICATIONS HOLDING CORPORATION
as licensee of KDIZ(AM)

By: Christopher J. Henderson
Title: Executive Vice President