K N W S-FM

PRODUCT OF

7 Bamingram. 7 Band

MADE IN U.S.A.

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CATALOG NO. 4550L 1/5

Form BC 126 June 1954#1711

FREQUENCY MODULATION

BROADCASTING STATION LICENSE RECORD

Date first licensed __6-30-65

Call letters KNWS-FM

Station location WATERLOO, 10WA

Name of licensee NORTHWESTERN COLLEGE

Farm Road "O", 5 miles southeast of Jesup XApproximately 4.25 miles South-Southeast of business center Transmitter location on U.S. Highway #218, Waterloo, Iowa (PH 5-20-64)

> 4800 La Porte Road, Waterloo, Iowa 50702 (SH 12-2-75) ×2800 LaPorte Road, Waterloo, Iowa

XX Approximately 4.25 miles South-Southeast of business center

Main studio location on U.S. Highway #218, Waterloo, Iowa (PH 5-20-64)

CONSTRUCTION PERMIT AND LICENSE RECORD

Separation Sep		-				AND DESCRIPTION OF THE PARTY OF
BPH-4320 HAAT:150' (Cond'1). CP for a new Class C FM broadcast station. BMPH-8114 1-14-65 Hod. of CP(BFH-4 320) for extension of completion date to 3-20-65 BMPH-8133 (2) BMPH-8181 3-15-65 Hod. of CP(BFH-4 320, as mod.) for extension of completion date to 5-1-65 BMPH-8233 (4) BMPH-8233 4-20-65 Hod. of CP(BPH-4 320, as mod.) for extension of completion date to 5-1-65 BMPH-8233 (4) BMPH-8233 4-20-65 Hod. of CP(BPH-4 320, as mod.) for extension of completion date to 5-1-65 BLH-2895 HAAT:150' BMPH-8236 CH.#270	Appl.	Date			Time	Period
HAAT: 150' (Cond'1). CP for a BMPH-8114 (1)	No.	Issued	Freq.	Power	Div.	From- To-
SMPH-8134	HAAT: 150'		Ch.#270	TPO:5kw		1-20-65
Of completion date to 3-20-65 BMPH-8133 (2)	B MDH-8114	1-14-45	uen CTTR	B C FM	droadcast	station.
BMPH-8133 (2) BMPH-8181 3-15-65 Mod. of CP(BPH-4320, as mod.) to chg type trans. (ITA FM-5000B) & type and (Jampro JA-6B, 6 secs.). BMPH-8181 3-15-65 Mod. of CP(BPH-4320, as mod.) for ext of completion date to 5-1-65 BMPH-8233 (4) 4-20-65 Mod. of CP(BPH-4320, as mod.) for ext of completion date to 6-15-65 BLH-2895 HAAT:150 BRH-1711(S) 1-30-68 Renewal of License & NDEA 1-2-3-68 N-6125 exciter and Gates M-6533 stereo generator and Gates M-6125 exciter and Gates M-6533 stereo generator and Gates M-6533 stereo generator and Gates M-6125 exciter and Gates M-6533 stereo generator and Gates M-6125 exciter and Gates M-6533 stereo generator and Gates M-6125 exciter and Gates M-6533 stereo generator and G	THE RESERVE OF THE PERSON NAMED IN	1-14-02	of compl	CP(BPH-	4320) for	extension
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of completion date to 6-15-65 BLH-2895 HAAT:150' CH.#270 TPO:4.8kw Lic. to cover CP(BPH-4320 as mod)which auth a new FM broadcast station BRH-1711(S) 1-30-68 Renewal of License & NDEA Tele. 1-2-3-68 S cw trans. as: ITA FM-50008 with cate M-6425 exciter and Gates M-65008 with cate M-6425 exciter and Gates M-65008 with cate M-6425 exciter and Gates M-67 FM-50008 with cate M-6425 exciter and Gates M-6845 FM-50008 with cate M-6425 exciter and Gates M-6845 FM-70008 with cate M-6845 FM-70008 wi	BMDU_9222	4-20-65	Wad of	CD/DDU	220	
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M-6125 exciter and Gates M-6533 stereo generators M-6845 1-19-70 CP chg. TL, ant., TPO:, ERP:, & 9-19-70 HAAT RAT	BRH-1711(S	1-30-68				
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(1) EMPH-13,001 9-23-70 MP(EPH-6845 as mod) chg (2) ESCA-1,033 9-22-70 Request for SCA 67 kc/s 2-1-71 ELH-4925(L) 12-11-70 Lic. (BPH-6845 as mod.) 2-1-71 for changes ERH-1711(S) 1-28-71 Renewal Renewal Renewal of SCA & NDEA 2-1-74 ERSCA-1,033 1-28-71 Renewal OF SCA & NDEA 2-1-74 EBSA 5-25-72	(L) HAA	: 1010'((BC)	THE RESERVE OF THE PERSON NAMED IN	
TPO: 19kw RSCA-1,033 9-22-70 Request for SCA 67 kc/s 2-1-71 BLH-4925(L) 12-11-70 Lic. (BPH-6845, as mod.) 2-1-71 for changes BRH-1711(S) 1-28-71 Renewal of SCA & NDEA 2-1-74 RRSCA-1.033 1-28-71 Renewal of SCA & NDEA 2-1-74 BRH-1711 (S) 1-31-74 RENEWAL OF LICENSE & SCA 2-1-77 EBSA 5-25-72	EMPH-12,091	9-30-70	MP(BPH	6845) ex	t time	12-19-70
BRH-1711(S) 1-28-71 Renewal of SCA & NDEA 2-1-74 BRH-1711(S) 1-28-71 Renewal of SCA & NDEA 2-1-74 BRH-1711(S) 1-31-74 RENEWAL OF LICENSE & SCA 2-1-77 EBSA 5-25-72	(2)		TPO: 19km			
BRH-1711(S) 1-28-71 Renewal of SCA & NDEA 2-1-74 BRH-1711(S) 1-28-71 Renewal of SCA & NDEA 2-1-74 BRH-1711(S) 1-31-74 RENEWAL OF LICENSE & SCA 2-1-77 EBSA 5-25-72	BSCA-1,033	9-22-70	Request	for SCA	67 kc/s	2-1-71
BRH-1711(S) 1-20-71 Renewal of SCA & NDEA 2-1-74 BRSCA-1,033 1-28-71 Renewal of SCA & NDEA 2-1-74 BRH-1711 (S) 1-31-74 RENEWAL OF LICENSE & SCA 2-1-77 EBSA 5-25-72	BLH-4925(L) 12-11-70	Lic. (B	PH-6845	as mod.	
BRH-1711 (S) 1-31-74 RENEWAL OF LICENSE & SCA 2-1-77 EBSA 5-25-72	BRH-1711(S	1-28-71	Renewal		S AIDEA	
EBSA 5-25-72	BRSCA-1,03	3 1-28-71	Renewal			
V-EJ-12	BRH-1711 (S) 1-31-74	RENEWAL	OF LICE	NSE & SCA	2-1-77
RRSCA-1-033 1-31-74		5-25-72				
	BRSCA-1,0	33 1-31-74				2-1-77

BROADCASTING STATION LICENSE RECORD

Date first licensed ______ Call letters __K.N.W.S-FM______ Station location Waterloo, Iowa

Name of licensee NORTHWESTERN COLLEGE

Transmitter location

Main studio location

CONSTRUCTION PERMIT AND LICENSE RECORD

THE REAL PROPERTY.	- Section Section 4				
Appl.	Date		_	Time	Period
No.	Issued	Freq.	Power	Div.	From- To-
BSH-1711(1	Company of the Compan	Section 2012 Control of the Control	hange SL		
BRH-1711{	3 1-13-	77 Rene	wal of	license	5-1-90
BRZCA-103		Rene	wal of	ZCA	
BRH 791001	ZS 1-24-8	O RENEW	the state of the s		2102
BRSCA _"		KENEW	AL OF SO	<u>a</u>	2-1-83 _

FORM BC-121 Aug. 1955

APPLICATION RECORD - BROADCASTING

Call Letters N-E-W K N W S-FM

Name Northwestern college Waterloo, Towa (PO 50 Willow St., Minneapolis 3, Minn.)

			Act	1on
File No.	Dated	Application for	Nature	Date
BPH-4320 R & F	12-28-63	Construction permit for a new FM broadcast station to be operated on: Freq.: 101.9mcs, Ch.270 ERP:26kw Type trans.: Gates FM-1B TPO:5kw Type ant.: Gates FMA-6A, 6 secs. HAAT: 151' Trans. loc.: Approx. 4.25 mi. SSE of business center of Waterloo on US Hwy. #218, Waterloo, Iowa Studio loc.: Same as trans. loc. Maurice M. Jansky, Atty.	GRANTED	5-20-64
		F.C.C WASHINGTON, D.C.	1	

APPLICATION RECORD - BROADCASTING

FORM BC-121 Aug. 1955 #2

Call Letters ...A. N. N. S. - FM....

Dated	Application for	Nature	Date
		GRANTED	1-14-65
12-17-64 12-21-64	Modification of CP (BPH-4320 which authorized a new FM broadcast station) to change type trans (ITA-FM-5000B); change type ant (Jampro-JA-6B, 6 sections); and increase TPO to 5-2kw. 5.03kw.	GRANTED	2-26-65
2-4-65 2-9-65	Atty: Loucks & Imlay AMENDED to verify type trans. & chg. tpo to 5.03kw.		
	12-17-64 12-21-64 12-21-64	Modification of CP (BPH-4320 which authorized a new FM broadcast station) for extension of completion date from 1-20-65 to 3-20-65. Atty: Loucks & Imlay 12-17-64 12-21-64 Modification of CP (BPH-4320 which authorized a new FM broadcast station) to change type trans (ITA-FM-5000B); change type ant (Jampro-JA-6B, 6 sections); and increase TPO to 5-2kw. 5.03kw. Atty: Loucks & Imlay AMENDED to verify type trans. & chg. tpo to	Dated Application for Nature 12-17-64 Modification of CP (BPH-4320 which authorized a new FM broadcast station) for extension of completion date from 1-20-65 to 3-20-65. Atty: Loucks & Imlay 12-17-64 Modification of CP (BPH-4320 which authorized a new FM broadcast station) to change type trans (ITA-FM-5000B); change type ant (Jampro-JA-6B, 6 sections); and increase TPO to 5-2kw. 5.03kw. Atty: Loucks & Imlay AMENDED to verify type trans. & chg. tpo to

FORM BC-121 #3 AUG. 1955

APPLICATION RECORD - BROADCASTING

Call etters ANWS-FM

Name

WORTHWESTERN COLLEGE

WATERLOO, IOWA

WAL	ERLOO, IOWA			
File No.	Dated	Application for	Natu	Action re Date
BMFH-818	2-19-65 2-23-65	Modification of CP (EPH-4320 as modified wh authorized a new FM broadcast station) for extension of completion date from 3-20-65 to 5-1-65. Atty: Loucks & Imlay	GRANTE	D 3-15-65 to 5-1-65
BMPH-8233 R&F	3-23-65 3-31-65	Modification of CP (BPH-4320 as modified whi authorized a new FM broadcast station) for extension of completion date from 5-1-65 to 6-15-65. Atty: Loucks & Imlay	GRANTED	4-20-65 6-15-65
BLH-2895 R&F	5-14-65 6-4-65	License to cover CP (BPH-4320 as modified) which authorized a new FM broadcast station. Atty: Wilner & Bergson	GRAN TED	6-30-65
BRH-1711 R & F 3 0 1967	10/27/67	Renewal of license	GRANTED	1-30-68

FORM BC-121 Aug. 1955

APPLICATION RECORD - BROADCASTING

Call Letters KNWS-FM

Name NORTHWESTERN COLLEGE
Waterloo, Iowa

5 mi. SE of Jesup.	Date
Date Di Hataal on Assesse	
Porte Rd., Water-GRANTEL	1-19-70
m proposed studio	
system(incr.	
& HAAT: 933 ft.	
eeley	
48.4" 92 00' 24.8")	
eeley	
19-70(FOR CHGS).	
GRANTED	9-30-70
. c.	
	m proposed studio nt(Gates-FMC-12, . system(incr. & HAAT: 933 ft. reeley

APPLICATION RECORD - BROADCASTING

Call Letters KNWS-FF

Name Northwestern College
Waterloo, Iowa

R & F 9-15-70 PRESS: SEP 2: 1970 R & F 629923 \$50. CODE 068 R & F 9-15-70 PRESS: SEP 2: 1970 R & F 629581 \$50. CODE 061 PRESS: SEP 2: 1970 R & F 629581 \$50. CODE 061 PRESS: SEP 2: 1970 R & F 629581 \$50. CODE 061 R & F	T-1- 11-			The second secon	ion
#629923 \$50. CODE 068 PRESS: SEP 2 2 1970 Atty-John R. Wilner(Scheiner & Greeley) MP(BPH-6845 as mod) make changes in transmission line. chg. TFO: 18.76kw. chg. horiz. & vert. HAAT: 1011 feet. CODE 061 DEFEC. Atty-Edward S. O'Neill(Wilner, Scheiner etc) Atty-Edward S. O'Neill(Wilner, Scheiner etc)	File No.	Dated	Application for	Nature	Date
BMPH-13,001 9-3-70 R & F #629581 \$50. 9-11-70 CODE 061 DDESS. MP(BPH-6845 as mod) make changes in transmission 1 ine. chg. TFO: 18.76kw. chg. horiz. & vert. HAAT: 1011 feet. Atty-Edward S. O'Neill(Wilner, Scheiner etc)	R & F #629923 \$50. CODE 068	9-15-70 9-15-70	tion on a sub-carrier frequency of 67 kilo- sysles.		9-22-70
R & F #629581 \$50. 9-11-70 line. chg. TFO: 18.76kw. chg. horiz. & vert. HAAT: 1011 feet. 9-23-70 Atty-Edward S. O'Neill(Wilner, Scheiner etc)	PKESS: SEP 2 2	19/0	Atty-John R. Wilner(Scheiner & Greeley)		
	R & F #629581 \$50. CODE 061	9-11-70 9-11-70	line. chg. TPO: 18.76kw. chg. horiz. & vert. HAAT: 1011 feet.		9-23-70

Form BC-121 //6 September 1969

APPLICATION RECORD - BROADCASTING

Call Letters Manager

Name Naterloo, lowa

File No. BRACA-1711 BRACA-1,033 R & F Press NOV 1 9 F. N.		Dated 10-29-70 10-29-70 11-2-70 11-2-70	Renewal of License Renewal of SCA AMENDED 11-13-70 to show correct power Atty: John R. Wilner	Natur	
	BLH-4925 R & F #632636 \$50. AC-068 PTA PRESS NOV 1 6 Amended	10-7-70	Lic.(BPH-6845, as mod.) for changes. Trans: GATES, FM-20H-2. Atty: Wilner. Scheiner & Greeley Financial	GRANTED	12-11-70
	BRH-1711 R & F PN PRESS BRSCA-1,033 R & F	10-31-73 11-5-73 11-5-73 11-27-73 11-29-73	Renewal of License AMENDED 11-23-73 re: ascert. of comm. needs; EEO RENEWAL OF SCA J.R.Wilner F.G.G. WASHINGTON, D. G.	GRANTED	1-31-74

2-65

Call Letters KNWS-FM

Name NORTHWESTERN COLLEGE

WATE	RLOO, IOWA					
						1on
File No.	Dated	Ap	plication for		Nature	Date
BRH-1711	9-27-76	RENEWAL OF LICE	NSE		GRA MED	1-13-77
BRSCA-1033	9-17-76	RENEWAL OF SCA			51.7 141 22	יי-בת-ת
PN Recd.	9-30-76					
R & F	NOV 1 5 197					
PRESS		RENEWAL OF LICE	NSE	+		
BRH 791001 BRSCA "NOW	ZS	RENEWAL OF SCA				
BRSCA "NOV	1 3 1979			1	GRANTED	1-24-80
			F.C. C WASHINGTON, D. C.		1	

About the History Cards ...

History Cards were first used by the Department of Commerce to keep track of applications filed by, and changes to, the earliest AM broadcast stations in the early 1920s. The records were subsequently transferred to the Federal Radio Commission in 1927, and after that to the Federal Communications Commission when that agency was created in 1934. These cards gradually grew into a large card file.

FM History Cards were initiated in the early 1940s, with the authorization of the earliest FM stations in the FM band, then at 42 to 50 MHz. (The band was shifted to its present location, 88 to 108 MHz, in 1946.) History Cards remained in use until the creation of the first computerized database in 1980 to track broadcast applications, the Broadcast Application Processing System (BAPS). However, the Commission did not transfer the data from the History Cards to the new system. Instead, it retained the History Cards in their original form for reference.

In 1999, the Commission moved to a new location (445 12th Street SW), and also at that time created the successor database to BAPS, the Consolidated DataBase System (CDBS). Prior to that move, the History Cards were transferred to microfiche by a contractor (only a few sets of microfiche exist), and the original paper cards were destroyed. The History Cards were stored on the microfiche as negative images, like those you see above.

History Cards contain very brief entries and notes about station facilities, applications, and ownership. They are not, and never were intended to be, a comprehensive record of a station's operations. Nevertheless, they can be useful to help determine, for example, when a station first went on the air and its call letters at that time. History Card comments were generally typed onto the cards, and thus some records will show more faintly or with more smudging than others, depending on the quality of typewriter and ribbon then used. Occasional handwritten comments, corrections, and strikeouts may also be found. Cards may be incomplete, missing, or occasionally out of sequence.

The History Cards are presented here as they were copied to microfiche, to preserve this record for public use, and with the hope that they will be of value to future researchers of radio station history.

