# FEDERAL COMMUNICATIONS COMMISSION Washington, DC 20554

APPROVED 8Y 0M8 3060-0085 Expires 9/30/98

## APPLICATION FOR NEW OR MODIFIED RADIO STATION AUTHORIZATION UNDER PART 5 OF FOC RULES - EXPERIMENTAL RADIO SERVICE (OTHER THAN BROADCAST)

(Street address, city, state, and 21P Code See Instruction No. 4)  DENAL! VALLEY MINES LLC  KEVIN D. THOMPSON  1.0. BOX 875534  VASILLA, AK. 99687	2000
DENALI VALLEY MINES LLC VEVIN D. THOMPSON  O. BOX 875534	2000
O. BOX 875534	<i>20</i> 00
0. BOX 875534	-00
ASILIA, AK. 99687	
). Application for (check only one box) 9(b). For Modification indicate be	low:
Mew station  Modification of excisting authorization  Pile No.: C	eil Sign:
Application for Modification: Check the box beside all particulars to be modified. Check eith placement to indicate whether the change is an addition or a replacement of parameters in	er addition or re-
	OCATION -
addition or replacement? addition or replacement? addition or replacement?	addition or replacement?
OTHER PARTICULARS - addition or replacement? Describe below or in attached EXHBIT No.  1-800-695-7898 =  ASK FOR MR. CARO  1-800-695-7898 =	Novello FOR Po
Particulars of Operation (see instruction below)	7
Particulars of Operation (see instruction below)  Frequency interior below  FOWER — CA // Company  SIGNAL  (A)  (A)  (B)  (C)  (C)	OKHZ
	5 KHZ
7.AN. 5.6 KBPS-0FF5=1= 25.5 = = = @P.SK	3KHA
1660.5 MHz Voice 4.8 KB	PS+AMBE
FAX 2.4 KB	PS
FCIEVING PATA 2.4 KBP	5
25.0 (=	
1559.0 M/Z	
List such frequency or frequency band separately. (If more space is required, attach as E	KHIBIT No
Insert maximum RF, output power at the transmitter terminals. Specify units.	)
Insert maximum effective radiated power from the antenna (if pulsed emission, specify	peak powerl. Specify
aujtr /	
) Insert "MEAN" or "PEAK" (See definitions in Part 5).	•
List each type of emission separately for each frequency. (See Section 220) of FCC Rules.  Insert as appropriate for the type of modulation:	•
) Insert as appropriate for the type of modulation:  (i) the maximum speed of keying in bands:	
(2) maximum audio modulating frequency:	
(6) frequency deviation of carrier;	
(4) pulse duration and repetition rate.	
For complex emissions, describe in detail in the space provided below.	FCC Form: 442 - Pear 2

	permanently locate	d at a Fi	KED location giv	e be	low:		5(c). If me	bile des	ribe th	e exact a	rea of
State	County		City or Town				50). If mobile, describe the exact area of operation  FN TIRE STATE OF AIASKA				
Number	and street (or other	er indicat	ion of location)								
BKDKD. E	nter geographical coordin	neas exact	to the nearest secon	nd (se	e instruction	10)				ites of the i	
North Lat	tude (CD-MM-SS)	W	M-CO ebuspenous ta	1-55)			North Latitud		W	eet Longitude	
9			¢	•	••		Ç	•	" 0	,	<b>+</b>
5(d). Da	tum (see instruction	1 10):	•••••		NAD 27		NAD 88	All	95KA		
ic w	directional antenna ES", give the follow	ving info	rmations	_		X	NO				
(a) V	Vidth of beam in de	egrees at	the half-power	poin	t						
(b) O	rientation in horiz	ontal pia	ne		(a) C	menu	Frion in As	ruoal pia	ne _	****	
7. Is th	is authorization to	be used !	or fulfilling the	Led	uirement	of a g	overnmen:	contract	with (	n agency	of the
	ed States Governm				YES		NO				
If T	ES, attach as EXHI	BIT No		PAPTE	Hve state	ment	describing	the gove	rnmen	project,	
	ey and contact nu										
8 is th by s	is authorization to ations under the j	be used : oitoibeiru	for the exclusive n of a foreign g	pur	pose of denment?	velop	ing radio	q <b>uipme</b> n	t for e	kport to be	e employed
					YES	V	NO				
It "Y	ES", attach as EXHI	RIT Na.	***								
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14	is the equip	pment listed in Ite	n 13 capable of static	on identification pursua	nt to Section 5.1527	YES	Ø	NO.		
15.	Will the an more than than a buil	6 meters above the	e than 6 meters about the building, or will the	ve the ground, or if more proposed antenna be	inted on an existing mounted on an existing	building. T	will it e	xter		
	if "YES", give the following (see instruction S):  (a) Overall height above ground to tip of antenna is meters.									
	(b) Elevation of ground at antenna site above mean sea level is meters.									
	(o) Distance	(o) Distance to nearest aircraft landing area is kilometers								
	the opti		nt, would tend to shi	nade structures (hills, tre leid the anisnna from a				n		
	if any,	giving heights in a	naters above ground	il profile sketch of total for all significant feat ling aiready available.	structure including a ures. Clearly indicate	eupporting existing	; buildi portion,	ng.		
15.	Applicant	E libeat only san i	nes)							
	D INDIV	IDUAL 🗌 A89	ociation [	PARTMERSHIP	CORPORATION					
	☑ OTHER	t (describe in space	provided below)							
	Limitel	LIABILITY C.	ompany							
17.	le applican	t a foreign govern	ment or a represent	Live of a foreign gove	rament [	] YES	<b>123</b>	NO NO		
18.	Has applies applies	int or any party to for permit, license	this application had or renewal denied	i any FCC station licens by this Commission?		or had and	_	NO		
		tach as EXHIBIT No nd relate circumsta		atement giving call sign	of license or permit					
<b>19</b> .	Will applic	ant be owner and	operator of the stati	on?		YFS		CM		
20.	Who can b	, title, and telephorest handle inquirie 0. THOMPSON - 1 32-8178	e pertaining to this	area ocds), and Internet application.	e-mail address (if app	olicable) o	f perso	n		
21.	APPLICANT By oheckir he or she i conviction ag, corpor subject to	ANTI-GRUG ASUSI of TYES, the indivi- a not subject to a c parsuant to Section ation, partnership a denial of federal	dual applicant certificants of federal bern 5601 of the Anti-1 or other unincurpore	les that he or she is eli- heffis, including FCC be- drug Abuse Act of 1982, ated association, certifies to that section. For defin	nefits, as a result of a 21 U.S.C. 662. A non-in s that no party to the	drug offe ndividual application	ense applicat on is			
	sen 47 CPR	1.9009(b).				YES YES		NO		
22.	List below	all withibits in nu	merical sequence and	i the item number of fo	rm requiring the exh	ibit identi	ried.			
EXE	HEALT HUMBER	ESSM NO. OF FORM	REDINANT THEWAYS	ITEM NO. OF FORM	EXMITT MANAGER	1784	No. of fo	ev.		
	10.1	9 (a) (b) (c)				<b></b>				
						<del> </del> _				
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#### 23 CERTIFICATION:

141L 118 :100 Attention: Read this certification carefully before signing this application.

THE APPLICANT CERTIFIES THAT!

- (a) Copies of FCC Rule Parts 2 and 5 are on hand; and
- (b) Adequate financial appropriations have been made to carry on the program of experimentation which will be conducted by qualified personnet and
- (a) All operations will be on an experimental basis in accordance with Part 5 and other applicable rules, and will be conducted in such a manner and at such a time as to preclude harmful interference to any authorized station; and
- (d) Grant of the authorization requested herein will not be construed as a finding on the part of the Commission:
  (i) that the frequencies and other technical parameters specified in the authorization are the best suited for the proposed program of experimentation, and
  - (2) that the applicant will be authorized to operate on any basis other than experimental, and
  - (3) that the Commission is obligated by the results of the experimental program to make provision in its rules including its table of frequency allocations for applicant's type of operation on a regularly licensed basis.

#### APPLICANT CERTIFIES FURTHER THAT:

- (e) All the statements in the application and attached exhibits are true, complete and correct to the best of the applicant's knowledge; and
- (f) The applicant is willing to finance and conduct the experimental program with full knowledge and understanding of the above limitations; and
- (g) The applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the USA.

Signed and dated this	29	_day of	NE	. 1 2000
Name of Applicant Ken	in D. Thos	ngson /		
By KEVIN D.			-	
			laignature)	
Title <u>MANAGER</u> Check appropriate classification	•			
☑ Individual applicant ☐	AITED LIABLITY CO.  Member of applicant pe	rinership		
Authorized employee	Office of applicant corp	poration or associat	don	
LFUL FALSE STATEMENTS MADE of Section 100 I), AND/OR REVOCATION tion 312(MI), AND/OR FORFEITURE	DN OF ANY STATION LICE	NSE OR CONSTRUC	D/OR IMPRISONMENT OTION PERMIT (U.S.	F (U.S. Code, Title Code, Title 47,

### NOTIFICATION TO INDIVIDUALS UNDER PRIVACY ACT OF 1874 AND THE PAPERWORK REDUCTION ACT OF 1860

Information requested through this form is authorized by the Communications Act of 1984, as amended, and specified by Section 308 therein. The information will be used by Federal Communications Commission staff to determine digibility for issuing authorizations in the use of the frequency spectrum and to effect the provisions of regulatory responsibilities rendered by the Commission by the Act. Information requested by this form will be available to the public unless otherwise requested pursuant to 47 CFR 0.459 of the FCC Rules and Regulations. Your response is required to obtain this authorization.

India reporting burden for this collection of information is estimated to average four (4) hours 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. Send comments regarding this burden estimate or any other espect of this collection of information, including suggestions for reducing the burden to the Federal Communications Commission, Records Management Present, Paperwerk Reduction Preject (2000-0065), Washington, DC 20654. DO NOT send completed applications to this collection unless it displays a currently valid OMB control number.

"HE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 98-519, DECEMBER SI, 1974, 5 U.S.C. 559e(e)(6), 3 NO THE PAPERWORK REDUCTION ACT OF 1980, P.L. 98-511, DECEMBER 11, 1980, 44 U.S.C. 3607.