

**PREPARATION OF FCC FORM 435**  
**ESTABLISHING A POINT-TO-POINT MICROWAVE RADIO STATION**  
**FCC REGULATORY INFORMATION**  
**RADIO ADMINISTRATION**

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**NOTICE**

Not for use or disclosure outside the  
Bell System except under written agreement

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**1. GENERAL**

**PURPOSE**

**1.01** This section provides instructions for completing FCC Form 435 (Application for a New or Modified Common Carrier Microwave Radio Station Construction Permit Under Part 21). That form is used when applying for new or modified construction authority in the Point-to-Point Microwave Radio and Local Television Transmission Services.

**1.02** This section is reissued to update information on completing FCC Form 435 and to delete

general information that is otherwise covered in the sections referenced in paragraph 1.03. Since this reissue is a general revision, change arrows have not been used.

**1.03** This section is a companion to Sections 400-520-100 (Establishing a Point-to-Point Microwave Radio Station—General Considerations), 400-520-102 (Establishing Point-to-Point Microwave Radio Stations—Special Showings), and 400-520-103 (Establishing a Point-to-Point Microwave Radio Station—Preparation of FCC Form 436). Local instructions, usually in the 400-5 layer, may have been issued and, if so, should also be consulted for application preparation and submittal procedures unique to a particular company or region.

**APPLICABLE FCC RULES AND REGULATIONS**

**1.04** The Point-to-Point Microwave Radio Service is governed specifically by Subpart I of Part 21 of the FCC Rules and Regulations. The Local Television Transmission Service is governed specifically by Subpart J of Part 21. Those services are further governed by Parts 1, 2, 13, and 17 and by applicable portions of Part 25.

**DESCRIPTION OF SECTION**

**1.05** This section provides step-by-step instructions for completing FCC Form 435 and for otherwise completing applications for construction authority. The instructions provided, although specifically directed to the Point-to-Point Microwave Radio Service, also apply to FCC Form 435 applications in the Local Television Transmission Service. For situations beyond the scope of these instructions or when assistance is required, refer to local instructions or inquire through appropriate lines of organization.

**1.06** To illustrate the preparation of an application, figures in this section show typical responses to items on FCC Form 435. Encircled numerical notations on the figures cross-reference applicable paragraph(s) of this section for a detailed explanation. The responses given in the examples have a gray background to avoid confusion with the printing on the form itself. While the responses on these examples are appropriate for the specific circumstances for which they were prepared, different responses may be required under different circumstances.

**1.07** The response given to a particular item on FCC Form 435 must be consistent with the response given to other related items on that form and with responses to related items on FCC Form 436 (Application for a New or Modified Common Carrier Microwave Radio Station License Under Part 21).

## 2. CONSTRUCTION PERMIT APPLICATION

### GENERAL INFORMATION

**2.01** The FCC's Rules and Regulations state that applicants for construction authority must use the standard form prescribed by that part of the Rules and Regulations under which construction authority is sought. FCC Form 435 is the standard form prescribed by Part 21 for use when requesting construction authority for those services covered by this section. Page 1, the technical data page of FCC Form 435, an 8-page form, is shown in Fig. 1. The numbers in parentheses in the various blocks of Fig. 1 represent character limits for data entry.

**Note:** Page 1 of FCC Form 435 may be completed in either a manual or data-processing format. See Part 6 of this section for instructions on the preparation of Page 1 of FCC Form 435 in the data-processing format prescribed by the FCC.

**2.02** Submit a separate application on FCC Form 435 for each transmit station requiring construction authority. At the top center of each page of FCC Form 435, enter the station's call sign and location (city and state), or if the station is a proposed new station, enter "New Station" followed by its proposed location. The location shown must be consistent with the location information entered in Item 5 of FCC Form 435.

**2.03 Exhibit Identification:** Exhibits accompanying applications should be lettered (Fig. 2) and prepared according to the instructions for each item on FCC Form 435. Exhibits not specifically identified by FCC Form 435 should be consecutively numbered as the need arises and should be identified in Item 32 of FCC Form 435. Examples of exhibits and instructions for their preparation are included in Section 400-520-102.

**2.04** Applications may be submitted on reproduced copies of FCC Form 435. Such copies may be preprinted with universally applicable information

such as the address of the applicant, corporate name, and tariff information. See Section 400-520-100 and local instructions for information about procedures for transmitting applications to the FCC, the number of copies required, and the address to which applications should be sent.

### PREPARATION OF FCC FORM 435

**2.05** When preparing FCC Form 435 for fixed point-to-point microwave radio stations, complete Items 1 through 5 in their entirety except for Item 5(j) which should be completed only in applications involving temporary fixed, developmental, or mobile TV pickup facilities. Items 6 through 10 must be completed (see Note 1 below) on each FCC Form 435 that is filed. Respond to Items 11 through 34 [Items 20 through 34 need be completed only in the lead application (first application) of a set]. Complete Items 35 and 36 on each FCC Form 435 that is filed.

**Note 1:** Refer to Fig. 8 for specific column entries to be completed in Items 6 through 9 based on the nature-of-application codes entered in Item 2(d).

**Note 2:** The technical data entered on Page 1 of FCC Form 435 must agree with the information which was frequency-coordinated.

#### A. Item 1—Company Name and Address

##### **2.06 Item 1—Company Name and Address:**

Enter the official corporate name of the company and the address to which the FCC should mail the authorization. If it is desired that the authorization be sent to a specific person or title, include, eg, "Attention: Vice President—Switched Services" after the address (Fig. 3). In companies where applications are filed by the company headquarters, use the headquarters address. In companies whose areas/regions have been authorized to submit applications, use the address of the area/region headquarters. Refer to local instructions for the correct procedure. The corporate name entered should agree with that reported to the FCC by your company in its Common Carrier and Satellite Radio Licensee Qualification Report (FCC Form 430; see paragraph 2.92).

FEDERAL COMMUNICATIONS COMMISSION  
Washington, D. C. 20554

Form Approved  
GAO No. B-180227 R01189

APPLICATION FOR A NEW OR MODIFIED COMMON CARRIER MICROWAVE  
RADIO STATION CONSTRUCTION PERMIT UNDER PART 21

2.01

<p><b>IMPORTANT: READ INSTRUCTIONS BEFORE COMPLETING</b></p>	<p>DO NOT WRITE IN THIS BLOCK</p>																																																																																																																																																																																																																					
	<p>File No. _____                  Date Filed _____                  Call Sign _____                  Applicant Code _____</p>																																																																																																																																																																																																																					
<p>1. Name and post office address of applicant (Give street, city, state &amp; ZIP Code)</p> <p style="text-align: center;">(66)</p>						<p>2. See instructions for codes to use</p> <p>(a) Service _____ (2)                  (b) Type of Use _____ (6)                  (c) Class of Station _____ (3)                  (d) Nature of Application _____ (20)</p>																																																																																																																																																																																																																
<p>3. This application is number (4) of a set of (4) applications.</p> <p>4. Estimated time required to complete construction after date of grant is (2) months.</p>																																																																																																																																																																																																																						
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(previous editions of this form are obsolete)

FCC Form 435  
October 1980

**\*(Maximum of 5 Numerics Before Decimal;  
 Maximum of 3 Numerics After Decimal;  
 Maximum of 2 Polarization Characters)**

Fig. 1—Page 1 (Reduced Size) of October 1980 Issue of FCC Form 435

2.03

FCC FORM 435 ITEM NO.	EXHIBIT LETTER	EXHIBIT TITLE	FCC FORM 435 ITEM NO.	EXHIBIT LETTER	EXHIBIT TITLE
11	A	Topographic Maps	22	M	Public Interest
12	B	Site Availability	24(a)	N	System Maintenance
13	D	Environmental Impact	24(b)	0	Copy of Maintenance Contract/Agreement
14(a)	E	Antenna Supporting Structure (Vertical Profile)	25(a)	P	Ownership and Control of Facilities
14(b)	F	FAA Study	25(b)	Q	Statement of Agreements on Ownership/Control of Facilities
15	G	Geostationary Satellite Orbit--Justification for Waiver	27	R	Subscriber Affiliation
17	H, I, & J	(Applicable Only to the Multipoint Distribution Service)	28	S	Service to CATV System
			29	T	Tariff
20	K	Rule Waivers and Exceptions	30	U	Financial Ability
			32	*	Additional Exhibits
21	L	Frequency Coordination			

\*Number consecutively.

Fig. 2—Identification of Exhibits Attached to Applications on FCC Form 435

*IMPORTANT: READ INSTRUCTIONS BEFORE COMPLETING*

---

1. Name and post office address of applicant (Give street, city, state & ZIP Code)

South Central Bell Tel. Co. 2.06  
 600 North 19th Street  
 Birmingham, Alabama 35201  
 Attn: Vice President - Switched Services

Fig. 3—FCC Form 435—Item 1—Applicant Name and Address

**B. Item 2—Application Codes**

**2.07 Item 2(a)—Service Code:** The following are the FCC's service codes applicable to the services covered by this Practice.

CF—Point-to-Point Microwave Radio Service

CT—Local Television Transmission Service.

Enter in Item 2(a) only the one code applicable to the station covered (Fig. 4).

2. See instructions for codes to use	
(a) Service	CF (2.07)
(b) Type of Use	TE, TV (2.08)
(c) Class of Station	FX (2.09)
(d) Nature of Application	NS (2.10)

Fig. 4—FCC Form 435—Item 2—Application Codes

**2.08 Item 2(b)—Type-of-Use Code:** The following are the FCC's station type-of-use codes applicable to the services covered by this section.

TE—Message/Private Line/Data (telephone carriers)

SC—Private Line/Data (nontelephone carriers)

CA—Television Relay for CATV Systems

TV—Television Relay for Other Than CATV Use

OW—Order Wire and Alarm.

Enter in Item 2(b) those codes which apply to the station covered (Fig. 4).

**2.09 Item 2(c)—Class-of-Station Code:** The following are the FCC's class-of-station codes applicable to the services covered by this section.

FX—Fixed

TF—Temporary Fixed

MO—Mobile (TV Pickup)

DFX—Developmental (Fixed)

DTF—Developmental (Temporary Fixed)

DMO—Developmental (Mobile).

Enter in Item 2(c) only the one code applicable to the station covered (Fig. 4).

**2.10 Item 2(d)—Nature-of-Application Code:** The following are the FCC's nature-of-application codes applicable to the services covered by this section.

**Group A Codes**

AG—Request for consideration for automatic grant 21 days after filing.

**The AG code is shown as an applicable nature-of-application code in the FCC's instructions for FCC Form 435. However, code AG (with a definition of changes for which it is applicable) is an unadopted part of FCC Docket Number 20490.**

NS—Construct new transmit station. (If this code is used, no other code entry except PR, where applicable, should be made.)

AP—Add new point(s) of communication. (If this code is used, codes AF, AT, and AA are not needed to indicate the addition of those facilities needed to communicate with the new point of communication. However, codes AF, AT, and AA may be used on an application with code AP if the changes defined for codes AF, AT, and AA are also proposed for addition to an existing point of communication.)

CL—Change location of transmit station. [If the transmit station name, Item 5(a), is also being changed, code CN must also be used.]

LR—Change location of receive station(s) or passive facility(ies).

**Note:** See Fig. 5 for an example of the use of nature-of-application codes CL and LR.

AF—Add frequency(ies).

**Note:** The addition of a second polarization on a previously authorized frequency for digital transmission to a point of communications is considered by the FCC as adding a frequency.

PR—Construct passive reflector(s) or passive repeater(s).

PS—Power split(s) of previously authorized transmitter(s).

**Group B Codes**

AT—Add transmitter(s).

RT—Replace transmitter(s). (If this code is used, it is not necessary to use codes CE, DP, and IP to indicate changes in emission designator or power output resulting from the change of transmitter.)

\*CC—Correct transmit station coordinates.

\*RC—Correct coordinates of receive-only station(s) or passive facility(ies).

CE—Change emission designator(s).

CF—Change frequency(ies).

CX—Change polarization(s).

\*DP—Decrease output power.

IP—Increase output power.

**Note:** An output power increase from 2 watts to 5 watts for Western Electric's TD-2, TD-3, 3A, and 3D transmitters under blanket authority granted to the Bell System need only be reported to the FCC by filing FCC Form 436.

\*If the application involves only Group B modifications marked with an asterisk, use FCC Form 436 rather than FCC Form 435 and use code MC (Make Correction) or MR (Permissible Change) on FCC Form 436.

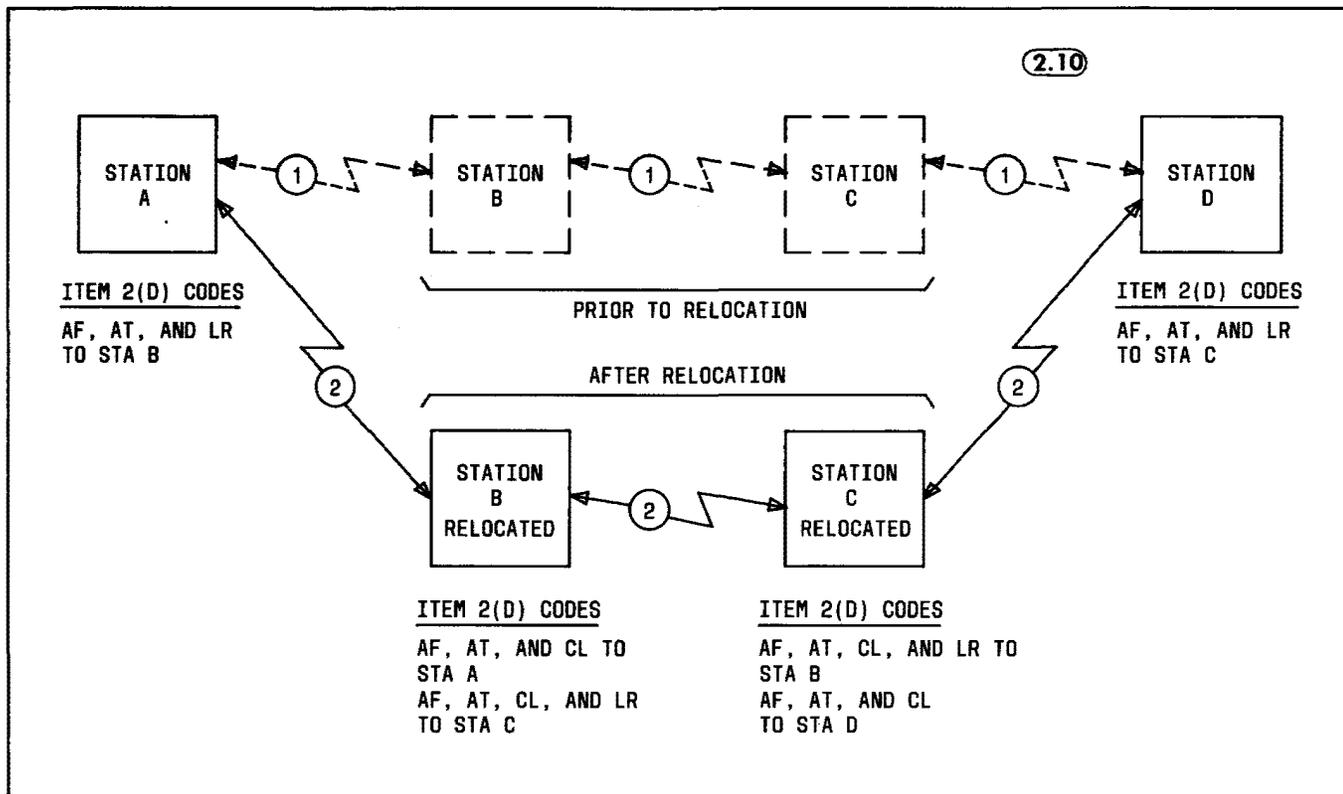


Fig. 5—FCC Form 435—Item 2(d)—Example of Use of Codes CL and LR in Conjunction With Codes AF and AT

## SECTION 400-520-101

\*DX—Decrease transmit antenna structure height.

\*DR—Decrease receive-only antenna structure height.

†IX—Increase transmit antenna structure height.

†IR—Increase receive-only antenna structure height.

AA—Add antenna(s).

MA—Move antenna(s).

RA—Replace antenna(s).

\*CN—Change name of transmit station.

OT—Other changes. (The nature of all changes so classified must be explained either in the public interest statement supplied in response to Item 22 or, preferably, in a numbered exhibit.)

Enter nature-of-application codes in Item 2(d) as applicable to the proposed construction (Fig. 4). Figure 8 identifies the portions of Items 6 through 9 of FCC Form 435 that must be completed depending on the nature-of-application codes entered in Item 2(d).

### C. Item 3—Application Number

**2.11 Item 3—Application Number:** Multiple applications submitted as a set covering a project should be arranged in a logical order and each

\*If the application involves only Group B modifications marked with an asterisk, use FCC Form 436 rather than FCC Form 435 and use code MC (Make Correction) or MR (Permissible Change) on FCC Form 436.

†A point-to-point microwave radio station's antenna structure height may not be increased without prior authority from the FCC. Increases in antenna structure height resulting from authorization in another service or to another licensee need only be reported to the FCC by filing an application on FCC Form 436 for modification of license.

application assigned a number in consecutive order beginning with No. 1. The No. 1 application, called the **lead application**, should contain all the general information, eg, public interest statement (showing of need), regarding the overall proposal. Enter No. 1 in the first blank of Item 3 of the lead application, No. 2 in the first blank of the second application of a set, etc, and enter the total number of applications of a set in the second blank of Item 3 of each FCC Form 435 submitted. (See paragraph 3.01 for instructions on numbering Page 1s covering passive reflectors.)

### D. Item 4—Construction Interval

**2.12 Item 4—Construction Interval:** Enter the estimate of months required to complete construction after the date the construction permit is granted. The normal interval is 18 months. If more than 18 months is requested, submit a numbered exhibit providing justification for the additional time and identify that exhibit in Item 32. If the estimated construction time is substantially less than 18 months, enter the maximum estimated construction interval for the project.

### E. Item 5—Transmit Station Information

**2.13 Item 5(a)—Station Name:** Enter the name given to the station location (Fig. 6). Abbreviate, if necessary, to limit the character count to that shown in Fig. 1. The characters used in an abbreviated station name should be selected to uniquely identify the station. The applicant must maintain that identification in all future filings and correspondence with the FCC regarding that station unless an application is filed and granted which changes the station name. Joint users of a station should use the same identification for that station.

**2.14 Item 5(b)—Street Address:** Enter the street address of the station (Fig. 6), or if not located in a city/town and if the station does not have an established street address, enter the distance and direction from the city/town shown in Item 5(c) (Fig. 6). The distance and direction entered should be from a recognized bench mark in the city/town and should not be from the city/town boundary limits.

**2.15 Item 5(c)—City:** Enter the name of the city or town in which the station is located (Fig. 6), or if not in a city or town, enter the name of the nearest identifiable city, town or prominent geographical feature.

**2.16 Item 5(d)—State:** Enter the **2-letter** abbreviation as specified by the U.S. Postal Service for the state in which the station is located (Fig. 6). Those abbreviations are supplied in Fig. 7.

**2.17 Item 5(e)—County:** Enter the name of the county in which the station is located (Fig. 6). A county is considered to be the first-order subdivision of each state regardless of the local designations (eg, parish, borough, district, etc). An independent city is considered to be a county equivalent.

**2.18 Item 5(f)—Call Sign:** Enter the call sign applicable to the radio service entered in Item 2(a) (Fig. 6). Leave Item 5(f) blank on applications covering new stations [Fig. 6(a)] and on FCC Form 435 Page 1s that are submitted to cover passive reflectors.

**2.19 Item 5(g)—Antenna Structure Height:**  
Enter the height in feet (rounded to the next highest foot) of the antenna structure (Fig. 6). The height entered in Item 5(g) must agree with the heights cleared by the FAA and with the antenna structure sketch submitted, if required, under Item 14(a).

**Note 1:** For an antenna structure whose base is at ground level, the antenna structure height is measured from ground level to the highest tip of the structure including any appurtenance mounted, or proposed for mounting, thereon.

**Note 2:** For an antenna structure whose base is mounted on a building, the antenna structure

height is measured from ground level to the highest tip of the antenna structure including any appurtenances mounted, or proposed for mounting, thereon.

**2.20 Item 5(h)—Building Height:** Enter the height in feet (rounded to the next highest foot) above ground of the highest part of the building (Fig. 6). The height entered in Item 5(h) must agree with the heights cleared by the FAA and with the antenna structure sketch submitted, if required, under Item 14(a). Leave Item 5(h) blank if the antenna structure is not mounted on a building or similar structure.

**2.21 Item 5(i)—Ground Elevation:** Enter the elevation in feet **above mean sea level** (AMSL) to the nearest foot (Fig. 6) of the ground beneath the antenna structure or, if the structure is mounted on a building, the ground beneath the building.

**2.22 Item 5(j)—Service Area:** Provide an answer only if the application involves temporary fixed facilities, mobile TV pickup facilities, or a rectangular service area. Enter the name of a major city, town, or geographic service area, eg, territory of the grantee, if applicable to the application; otherwise, leave **blank** (Fig. 6).

**2.23 Items 5(k and l)—Geographic Coordinates:** Enter the station's geographic coordinates rounded off accurately to the nearest second of latitude and longitude (Fig. 6).

5. TRANSMIT STATION INFO: (a) Station Name <b>Riverside</b> (b) St. Addr. <b>19360 Alessandro Blvd.</b>						<b>(2.13)</b> thru <b>(2.23)</b>
(c) City <b>Riverside</b>	(d) State <b>CA</b>	(e) County <b>Riverside</b>	(f) Call Sign			
(g) Ant. Struc. Ht. <b>110'</b>	(h) Bldg. Ht. <b>16'</b>	(i) Ground Elev. <b>4200'</b>	(j) Service Area			
(k) Latitude <b>33° 55' 00"</b>	(l) Longitude <b>117° 19' 27"</b>					

(a) Proposed Station With Established Street Address

5. TRANSMIT STATION INFO: (a) Station Name <b>Berryessa Pk</b> (b) St. Addr. <b>5.6 Miles SSW of</b>						<b>(2.13)</b> thru <b>(2.23)</b>
(c) City <b>Brooks</b>	(d) State <b>CA</b>	(e) County <b>Yolo</b>	(f) Call Sign <b>KYS42</b>			
(g) Ant. Struc. Ht. <b>153'</b>	(h) Bldg. Ht. <b>19'</b>	(i) Ground Elev. <b>3995'</b>	(j) Service Area			
(k) Latitude <b>38° 39' 51"</b>	(l) Longitude <b>122° 11' 16"</b>					

(b) Existing Station Not Located in City/Town

Fig. 6—FCC Form 435—Item 5—Transmit Station Information

**2.16**

AL (Alabama)	KY (Kentucky)	ND (North Dakota)
AK (Alaska)	LA (Louisiana)	OH (Ohio)
AZ (Arizona)	ME (Maine)	OK (Oklahoma)
AR (Arkansas)	MD (Maryland)	OR (Oregon)
CA (California)	MA (Massachusetts)	PA (Pennsylvania)
CO (Colorado)	MI (Michigan)	RI (Rhode Island)
CT (Connecticut)	MN (Minnesota)	SC (South Carolina)
DE (Delaware)	MS (Mississippi)	SD (South Dakota)
DC (Dist of Columbia)	MO (Missouri)	TN (Tennessee)
FL (Florida)	MT (Montana)	TX (Texas)
GA (Georgia)	NE (Nebraska)	UT (Utah)
HI (Hawaii)	NV (Nevada)	VT (Vermont)
ID (Idaho)	NH (New Hampshire)	VA (Virginia)
IL (Illinois)	NJ (New Jersey)	WA (Washington)
IN (Indiana)	NM (New Mexico)	WV (West Virginia)
IA (Iowa)	NY (New York)	WI (Wisconsin)
KS (Kansas)	NC (North Carolina)	WY (Wyoming)
Offshore Locations		
AO (Atlantic Ocean)		
GM (Gulf of Mexico)		
PO (Pacific Ocean)		

**Fig. 7—FCC Form 435—Item 5(d)—Two-Character State Location Codes**

**Note:** The location of the structure which supports the station's transmitting antenna (or in the case of a receive-only station, its receiving antenna) is considered the geographic location for the station.

**F. Item 6—Frequency Path Information**

**2.24** Figure 8 provides the specific columns to be completed for Items 6 through 9, depending on the nature-of-application codes (paragraph 2.10) and action codes (paragraphs 2.38, 2.47, and 2.57) involved in the proposal.

**2.25 Item 6(a)—Frequency and Polarization:**

Enter each transmit frequency (carrier frequency) in **MHz** followed either by an **H** (horizontal), **V** (vertical), **R** (polarized 45° clockwise from vertical as seen when looking from the transmit antenna toward the receive antenna), or **L** (polarized 45° counterclockwise from vertical as seen when looking from

the transmit antenna toward the receive antenna) (Fig. 9).

**2.26 Item 6(b)—Transmitter Number:** Enter the number from Item 8(a) of FCC Form 435 (paragraph 2.48) which identifies the transmitter operating on the frequency listed in Item 6(a) (Fig. 9). That number is a cross-reference which correlates each frequency with the code for each type of transmitter.

**2.27 Item 6(c)—Receive Station Name:**

Enter the station name of the site receiving the frequency listed in Item 6(a) (Fig. 9). The name entered must agree with that entered in Item 7(a).

**2.28 Item 6(d)—Operation Code:** Use the following FCC codes to reflect the transmitter configuration for the frequency(ies) listed in Item 6(a). Leave Item 6(d) blank if none of the following codes apply (Fig. 9).

CODE	TRANSMITTER CONFIGURATION
PS	Power Split—hybrid arrangement connecting two transmit antennas
HS	Hot Standby—switching between two hot transmitters, one radiating
PC	Protected Configuration (phase-locked, transmitters)—two transmitters connected by hybrids or circulators with both radiating on the same frequency
PH	Hot Standby, Power Split—switching between two hot transmitters (one radiating) feeding a hybrid arrangement connecting two transmit antennas radiating in different directions
PP	Power Split, Protected Configuration (phase-locked, transmitters)—two transmitters combined by hybrid and circulators to two antennas
CS	Cold Standby—switching between two transmitters, one hot and one cold.

**2.29 Item 6(e)—Line Loss:** Enter the approximate transmission line loss (attenuation), including any padding, to the nearest dB between the point where the power output of the transmitter was measured and the input to the antenna if that attenuation is 2 dB or greater (Fig. 9). Leave Item 6(e) blank if the attenuation is less than 2 dB. For power splits, the power reduction for a particular path is considered to be the line loss.

**2.30 Item 6(f)—Primary Transmit Antenna Code:** Enter the FCC's 6-character identification code for the primary antenna used to transmit the frequency listed in Item 6(a) (Fig. 9).

**Note 1:** AT&T's Long Lines Department maintains a file stored on disk in its Conversational Monitoring System (CMS), ie, the VM-370 Computer System, which lists details, including the FCC's 6-character identification

code, concerning antennas presently in use or acceptable for use in the 2-, 4-, 6-, and 11-GHz common carrier bands. Obtain instructions for access to and execution of the List Antennas (LSTANT) program from the radio frequency interference coordinator of your company.

**Note 2:** For Items 6(f), (h), (j), and (l), if the FCC has not assigned an identification code to the antenna, the applicant should enter a number from 1 through 99 to identify the antenna. That number must correspond with the number entered in Item 9(a) concerning that antenna.

**2.31 Item 6(g)—Primary Transmit Antenna Height:** Enter the height in feet, rounded to the next highest foot, above ground level of the **center of radiation** for the primary transmit antenna (Fig. 9).

**Note:** For practical considerations, the center of radiation of an antenna is considered to be the center of the antenna aperture.

**2.32 Item 6(h)—Diversity Transmit Antenna Code:** Enter the FCC's 6-character antenna identification code for the diversity transmit antenna (Fig. 9 and paragraph 2.30). Leave blank if not applicable.

**2.33 Item 6(i)—Diversity Transmit Antenna Height:** Enter the height in feet, rounded to the next highest foot, above ground level of the center of radiation for the diversity transmit antenna (Fig. 9 and see note in paragraph 2.31). Leave blank if not applicable.

**2.34 Item 6(j)—Primary Receive Antenna Code:** Enter the FCC's 6-character antenna identification code for the primary receive antenna at the station shown in Item 6(c) as receiving the frequency(ies) shown in Item 6(a) (Fig. 9 and paragraph 2.30).

**2.35 Item 6(k)—Primary Receive Antenna Height:** Enter the height in feet, rounded to the next highest foot, above ground level of the point on the primary receive antenna which is equivalent to the center of radiation of a transmit antenna (Fig. 9 and see note in paragraph 2.31).

NATURE-OF-APPLICATION CODES	(2.24) NATURE OF APPLICATION	ITEM 6 FREQUENCY PATH INFORMATION														ITEM 7 RECEIVE STATION INFORMATION													
		a	b	c	d	e	f	g	h	i	j	k	l	m	n	a	b	c	d	e	f	g	h	i	j	k	l		
NS	Construction of New Transmit Station	X	X	X	X	X	X	X	X	X	X	X	X	X	A	X	X	X	X	X	X	X	X	X	X	X	A		
CL	Relocation of Transmit Station	X	X	X	X	X	X	X	X	X	X	X	X	X	M	X	X	X	X	X	X	X	X				M		
LR	Relocation of Receive Station or Passive Facility	X		X					X	X	X	X	X	M	X	X	X	X	X	X	X	X	X	X	X	M			
AF	Addition of Frequency	X	X	X	X	X	X	X	X	X	X	X	X	A	Leave blank for existing communications point														
*PR	Construction of New Passive Facility	X		X		X	X			X	X	X	X	A	X	X	X	X	X	X	X	X	X	X	X	A			
PS	Power Split of Authorized Transmitter	X	X	X	X	X	X	X	X	X	X	X	X	A	X	X	X	X								M			
AP	Addition of Point of Communications	X	X	X	X	X	X	X	X	X	X	X	X	A	X	X	X	X	X	X	X	X	X	X	X	A			
AT	Addition of Transmitter (Existing Frequency Path)	X	X	X	X	X								M	Leave blank for existing communications point														
RT	Replacement of Transmitter	X	X	X	X									M	Leave blank for existing communications point														
†CC	Correction of Transmit Station Coordinates	Leave blank														X	X	X	X	X	X	X	X				M		
†RC	Correction of Rcv-Only/Passive Facility Coordinates	Leave blank														X	X	X	X	X	X	X	X				M		
CE	Change of Transmitter Emission Designator	X	X	X	X									M	Leave blank for existing communications point														
CF	Change of Frequency (Existing to New)	X		X										D	Leave blank for existing communications point														
		X	X	X	X	X	X	X	X	X	X	X	X	X	A														
CX	Change of Polarization (Existing to New)	X		X										D	Leave blank for existing communications point														
		X	X	X	X	X	X	X	X	X	X	X	X	X	A														
†DP	Decrease Transmitter Output Power	X	X	X	X									M	Leave blank for existing communications point														
IP	Increase Transmitter Output Power	X	X	X	X									M	Leave blank for existing communications point														
†IX	Increase Transmit Antenna Structure Height	Leave blank														Leave blank													
†IR	Increase Receive-Only Antenna Structure Height	Leave blank														X	X	X	X			X	X			X		M	
†DX	Decrease Transmit Antenna Structure Height	Leave blank														Leave blank													
†DR	Decrease Receive-Only Antenna Structure Height	Leave blank														X	X	X	X			X	X			X		M	
AA	Addition of Antenna	X		X					X	X			X	X	M	Leave blank													
(Rx)MA	Move of Receive Antenna(s) on Existing Structure	X		X						X	X	X	X	M	Leave blank														
(Tx)MA	Move of Transmit Antenna(s) on Existing Structure	X		X		X	X	X	X	X				M	Leave blank														
RA	Replacement of Existing Antenna(s)	X		X		X		X		X		X		M	Leave blank														
OT	Other Changes	Complete as appropriate														Complete as appropriate													
†CN	Change Name of Transmit Station	Leave blank														Leave blank													
AG	Request for Automatic Grant	See Note 7														See Note 7													

Fig. 8—Items 6 Through 9 to be Completed on Page 1 of FCC Form 435 (Sheet 1 of 2)

NATURE-OF-APPLICATION CODES	2.24 NATURE OF APPLICATION	ITEM 8 TRANSMITTER INFORMATION										ITEM 9 ANTENNA INFO			
		a	b	c	d	e	f	g	h	i	j	a	b	c	d
NS	Construction of New Transmit Station	X	X	X	X	X	X	X	X	X	A				
CL	Relocation of Transmit Station	Leave blank													
LR	Relocation of Receive Station or Passive Facility	Leave blank													
AF	Addition of Frequency	X	X	X	X	X	X	X	X	X	A				
*PR	Construction of New Passive Facility	Leave blank													
PS	Power Split of Authorized Transmitter	X	X		X	X	X	X	X	X	M				
AP	Addition of Point of Communications	X	X	X	X	X	X	X	X	X	A				
AT	Addition of Transmitter	X	X	X	X	X	X	X	X	X	A				
RT	Replacement of Transmitter (Existing to New)	X	X	X	X	X	X	X	X	X	D				
		X	X	X	X	X	X	X	X	X	A				
†CC	Correction of Transmit Station Coordinates	Leave blank													
†RC	Correction of Rcv-Only/Passive Facility Coordinates	Leave blank													
CE	Change of Transmitter Emission Designator (Existing to New)	X	X	X	X	X		X			D				
		X	X	X	X	X	X	X	X	X	A				
CF	Change of Frequency	X	X		X	X	X	X	X	X	M				
CX	Change of Polarization	X	X		X	X	X	X	X	X	M				
†DP	Decrease Transmitter Output Power (Existing to New)	X	X	X	X	X	X				D				
		X	X	X	X	X	X	X	X	X	A				
IP	Increase Transmitter Output Power (Existing to New)	X	X	X	X	X	X				D				
		X	X	X	X	X	X	X	X	X	A				
†IX	Increase Transmit Antenna Structure Height	Leave blank													
†IR	Increase Receive-Only Antenna Structure Height	Leave blank													
†DX	Decrease Transmit Antenna Structure Height	Leave blank													
†DR	Decrease Receive-Only Antenna Structure Height	Leave blank													
AA	Addition of Antenna	Leave blank													
(Rx)MA	Move of Receive Antenna(s) on Existing Structure	Leave blank													
(Tx)MA	Move of Transmit Antenna(s) on Existing Structure	Leave blank													
RA	Replacement of Existing Antenna(s)	Leave blank													
OT	Other Changes	Complete as appropriate													
†CN	Change Name of Transmit Station	Leave blank													
AG	Request for Automatic Grant	See Note 7													

Complete Items 9(a), 9(b), and 9(c) to identify antennas shown in Items 6(f), 6(h), 6(j), and 6(k). Do not enter passive reflectors in Item 9, and leave 9(d) blank.

NOTES:

1. See paragraph 2.10 for nature-of-application code definition.
2. X denotes items requiring completion.
3. A blank denotes leave item blank.
4. A - Action code denoting addition of facilities.
5. M - Action code denoting modification of facilities.
6. D - Action code denoting deletion of facilities.
7. Code AG (Request for consideration for automatic grant 21 days after filing of the application. Proposed in FCC's Second Report and Order in Docket 20490 but not adopted at time of release of this issue of this section).
8. \* = Passive facility only.
9. † = If application involves only those codes marked with a dagger, use FCC Form 436 rather than FCC Form 435 and code MC or MR, as appropriate, on FCC Form 436. See paragraph 2.10 in reference to codes IX and IR.

Fig. 8—Items 6 Through 9 to be Completed on Page 1 of FCC Form 435 (Sheet 2 of 2)

6. FREQUENCY PATH INFORMATION														
(a) Frequency & Polarization	(b) Xmtr. #	(c) Receive Station Name	(d) Operation Code	(e) Line Loss	Transmitting Antennas				Receiving Antennas				(n) Act. Code	
					(f) Primary Code	(g) Height	(h) Diversity Code	(i) Height	(j) Primary Code	(k) Height	(l) Diversity Code	(m) Height		
6226.89H	1	Brownsville		4	B67600	345			B67600	345	B62850	210		A
		2.25 thru 2.38												

(a) Add Frequency

6. FREQUENCY PATH INFORMATION														
(a) Frequency & Polarization	(b) Xmtr. #	(c) Receive Station Name	(d) Operation Code	(e) Line Loss	Transmitting Antennas				Receiving Antennas				(n) Act. Code	
					(f) Primary Code	(g) Height	(h) Diversity Code	(i) Height	(j) Primary Code	(k) Height	(l) Diversity Code	(m) Height		
6004.5V		Red Hill												D
6004.5H	1	Red Hill		3	B67600	95			B67600	107	B61100	75		A
		2.25 thru 2.38												

(b) Change Polarization

6. FREQUENCY PATH INFORMATION														
(a) Frequency & Polarization	(b) Xmtr. #	(c) Receive Station Name	(d) Operation Code	(e) Line Loss	Transmitting Antennas				Receiving Antennas				(n) Act. Code	
					(f) Primary Code	(g) Height	(h) Diversity Code	(i) Height	(j) Primary Code	(k) Height	(l) Diversity Code	(m) Height		
T1285.0H		Corbin R												D
T1605.0H	1	Corbin R		5	G04300	98			G04300	235				A
		2.25 thru 2.38												

(c) Change Frequency

Fig. 9—FCC Form 435—Item 6—Frequency Path Information

**2.36 Item 6(l)—Diversity Receive Antenna**

**Code:** Enter the FCC's 6-character antenna identification code for the antenna used as the diversity receive antenna (Fig. 9 and paragraph 2.30). Leave blank if not applicable.

**2.37 Item 6(m)—Diversity Receive Antenna**

**Height:** Enter the height in feet, rounded to the next highest foot, above ground level of the point on the diversity receive antenna which is equivalent to the center of radiation of a transmit antenna (Fig. 9 and see note in paragraph 2.31). Leave blank if not applicable.

**2.38 Item 6(n)—Action Code:** Enter the letter **A** (add), **D** (delete), or **M** (modify) to indicate the action for which authority is being requested (Fig. 9).

**Note:** For the addition of a new frequency path, place an **A** in column (n) and insert the appropriate data in all columns on that line [Fig. 9(a)]. For the modification of a licensed frequency path, generally use the **A** and **D** codes. The **M** code should be used for changes/corrections in Items 6(e) through (m). If an antenna is being replaced or the height of the antenna is being changed, use only one line entry containing the frequency (lowest in each frequency band) which is presently licensed to use the antenna involved. However, if a change in antenna height will change the line loss previously submitted, show all frequencies affected and insert the new line loss figure in column (e). If a frequency or polarization is being changed, treat the change as a deletion of the old frequency path and the addition of a new frequency path when completing Item 6 [Fig. 9(b) and (c)]. For the deletion of a licensed frequency path, complete columns (a), (b), and (c) and insert a **D** in column (n). An application for a second polarization after the FCC has granted an initial polarization for digital transmission is considered as adding a frequency path.

**G. Item 7—Receive Station Information**

**2.39 Item 7(a)—Station Name:** Enter the name of the receive station or receive facility (Fig. 10). If radio path transmission is through a passive reflector or passive repeater, the name here is that of the passive facility. The name used must agree with the name entered in Item 6(c).

**2.40 Item 7(b)—State:** Enter the 2-letter abbreviation as specified by the U.S. Postal Service (Fig. 7) for the state in which the receive station is located (Fig. 10).

**2.41 Item 7(c)—Call Sign:** Enter the point-to-point microwave radio call sign at the receive station if that station is also a transmit station. Do not use the call sign of a station in any other radio service. Leave Item 7(c) blank if the station is a receive-only or passive facility (Fig. 10).

**2.42 Item 7(d)—Type of Facility:** Enter one of the following codes to designate the type of receive facility (Fig. 10).

CODE	TYPE OF FACILITY
TS	Transmit Station
RO	Receive-Only Station
RF	Passive Reflector
RP	Passive Repeater (back-to-back parabolic antenna).

7. RECEIVE STATION INFORMATION											
(a) Station Name	(b) State	(c) Call Sign	(d) Type Fac.	(e) Path Dist. (KM)	(f) Path Azimuth	(g) Latitude	(h) Longitude	(i) Ground Elevation	(j) Struct. Height	(k) Bldg. Height	(l) Act. Code
Red Hill	CA		RO	43.4	46.3	34 37 00	116 57 00	4400	110		A
		(2.39)									
		thru									
		(2.47)									

Fig. 10—FCC Form 435—Item 7—Receive Station Information—New Receive Station

**Note:** Items 7(e) through (k), in the case of an authorized station, should be completed only if there is a change or correction affecting those items.

**2.43 Item 7(e)—Path Distance:** Enter the path distance from the transmit station to the receive station (or passive facility) in kilometers, rounded off to the nearest 1/10th kilometer (Fig. 10).

**2.44 Item 7(f)—Path Azimuth:** Enter the path azimuth with respect to true north, accurate to the nearest 1/10th degree, from the transmit station to the receive station (Fig. 10 and see note preceding paragraph 2.43).

**2.45 Items 7(g and h)—Geographic Coordinates:** Enter the geographic coordinates of the receive station (or passive facility) in degrees, minutes, and seconds rounded off to the nearest second (Fig. 10, paragraph 2.23, and see note preceding paragraph 2.43).

**2.46 Item 7(i, j, and k)—Receive Station Elevations (Ground, Structure, Building):** The instructions for completing this item are identical to the instructions for Items 5(i, g, and h), respectively (paragraphs 2.21, 2.19, and 2.20), except that the responses are for the receive facility (Fig. 10). (See note preceding paragraph 2.43.)

**2.47 Item 7(l)—Action Code:** Insert an **A** only in the case of a **new** receive station (Fig. 10). Insert a **D** if the receive station and **all** communicating frequencies are to be deleted. Insert an **M** if the data entered in Items 7(e) through (k) concerning a licensed receive facility is modified data or if, eg, the receive station is modified by the addition of a received frequency.

#### H. Item 8—Transmitter Information

**2.48 Item 8(a)—Transmitter Number:** Assign an identifying number (from 1 through 99) to each line entry when proposing the addition of a transmitter and when proposing the change of data concerning an authorized transmitter. Enter this number in Item 6(b) to identify the equipment operating on the frequency contained in Item 6(a). Make a separate line entry for each different transmitter code involved (Fig. 11).

**2.49 Item 8(b)—Transmitter Code:** Enter the FCC's 6-character transmitter identification code for the type of transmitter (Fig. 11). Leave Item 8(b) blank if the FCC's identification code has not been assigned.

**Note:** AT&T's Long Lines Department maintains a file stored on disk in its Conversational Monitoring System (CMS), ie, the IBM VM-370 Computer System, which lists details, including the FCC's 6-character identification code, concerning transmitters and modules that are type-accepted for use in the 2-, 4-, 6-, and 11-GHz common carrier bands. Obtain instructions for access to and execution of the List Equipment (LSTEQP) program from the radio frequency interference coordinator of your company.

**2.50 Item 8(c)—Quantity:** If the transmitters shown in Item 8(b) as a line entry are being added, enter in Item 8(c) the quantity being added (Fig. 11). If the transmitters shown in Item 8(b) as a line entry are being deleted, enter in Item 8(c) the quantity being deleted. Leave Item 8(c) blank if the transmitters shown in Item 8(b) as a line entry are not being added or deleted.

**2.51 Item 8(d)—Name of Manufacturer:** Enter the name of the manufacturer of each type of transmitter entered in Item 8(b) (Fig. 11). Abbreviate, if necessary, to limit the character count to that shown in Fig. 1.

**2.52 Item 8(e)—Type or Model Number:** Enter the manufacturer's type or model number for each transmitter entry in Item 8(b) (Fig. 11).

**2.53 Item 8(f)—Power Output:** Enter, in watts, the output power at which the transmitter entered in Item 8(b) will be operated (Fig. 11). This power output must not exceed either the type-accepted power output or the power value used for prior frequency coordination.

**2.54 Item 8(g)—Emission Designator:** Enter the appropriate emission designator for each transmitter listed in Item 8(b) (Fig. 11). Normally this is the same emission designator as the type-accepted value, and in no case may it exceed the type-accepted value.

B. TRANSMITTER INFORMATION									
(a) Xmtr. #	(b) Xmtr. Code	(c) Qty.	(d) Name of Manufacturer	(e) Type or Model Number	(f) Power Output	(g) Emission Designator	(h) Freq. Stability	(i) Module Code	(j) Act. Code
1	2PYW01	2	Western Elec. Co.	TH-3	10	30000F9	0.005		A
(2.48)		(2.50)	(2.51)	(2.52)	(2.53)	(2.54)	(2.55)		(2.57)
	(2.49)							(2.56)	

(a) Transmitter Information

B. TRANSMITTER INFORMATION									
(a) Xmtr. #	(b) Xmtr. Code	(c) Qty.	(d) Name of Manufacturer	(e) Type or Model Number	(f) Power Output	(g) Emission Designator	(h) Freq. Stability	(i) Module Code	(j) Act. Code
1	2PY001	1	Western Elect. Co.	TD-2	5.2	20000F9	0.005	2PYA01	A
	2PYA01	1	Western Elect. Co.	TD-A1					A
2	2PY001	1	Western Elect. Co.	TD-2	5.2	20000F9	0.005		A
(2.48)	(2.49)	(2.50)	(2.51)	(2.52)	(2.53)	(2.54)	(2.55)	(2.56)	(2.57)
(2.56)									

(b) Transmitter With Module

Fig. 11—FCC Form 435—Item 8—Transmitter Information

**2.55 Item 8(h)—Frequency Stability:** Enter the frequency stability in percent for each transmitter line entry in Item 8(b) that is being added (Fig. 11).

**2.56 Item 8(i)—Module Code:** Enter the FCC's 6-character module identification code. This is the code of an amplifier or other type of module which is not a complete transmitter but is type-accepted (see note in paragraph 2.49) by the Commission to be used in conjunction with or in lieu of certain elements in a transmitter. When a module code is listed in Item 8(i), there should be an identical code entered on the next line in Item 8(b) to refer to the module being used. Complete Items 8(c), (d), (e), and (j) covering the module code entered in 8(b). If some transmitters of a given type are used with modules and some are not, they should be listed on separate lines. If the FCC has not assigned a module identification code, the applicant should enter a number

from 1 through 99 to link the module to the transmitter with which it is used. When a module is used with a transmitter, the output power, frequency stability, and emission designator on the line with the transmitter should be for the entire transmit package (transmitter and module). Items 8(f), (g), (h), and (i) should be left blank on the line containing the module entry in Item 8(b) [Fig. 11(b)].

**Note:** The above instruction on module code entry is not applicable to the following modules manufactured by California Microwave, Inc., when those modules are used with Western Electric's TD-2 transmitter. (Refer to the FCC's Public Notice Report Number 964 of May 29, 1979.)

CM41B      CM41B-M2    CS42B  
 CM41B-M1    CA42A

Leave Item 8(i) blank when the above modules are used with the TD-2 transmitter.

**2.57 Item 8(j)—Action Code:** Enter an *A*, *D*, or *M* as applicable (Fig. 11). An entry of *A* indicates that the number and type of transmitters on that line are to be added to those on the current license. An entry of *D* indicates that the number and type of transmitters on that line are to be deleted from the station's record. All modifications of transmitters must be accomplished as deletions (*D*) and additions (*A*). Use action code *M* in Item 8(j) only when Item 8(c) is left blank (paragraph 2.50). Action code *M* would be entered in Item 8(j), eg, to link transmitters shown in Item 8(a) to those shown in Item 6(b) when applying for frequency path changes not involving changes in the carrying transmitter.

**I. Item 9—Antenna Information**

**2.58 Item 9(a)—Antenna Code:** Enter the FCC's 6-character identification code for each type of antenna as entered in Items 6(f), (h), (j), and (l) (Fig. 12).

**Note:** Codes for passive reflectors should not be listed in Item 9.

**2.59 Item 9(b)—Name of Manufacturer:** Enter the name of the manufacturer for each antenna entered in Item 9(a) (Fig. 12). Abbreviate, if necessary, to limit the character count to that shown in Fig. 1.

**2.60 Item 9(c)—Type or Model Number:** Enter, for each Item 9(a) entry, the manufacturer's antenna type or model number (Fig. 12) as it appears on the antenna listing of LSTANT (paragraph 2.30).

**2.61 Item 9(d)—Beam Tilt:** Leave blank (Fig. 12). This item applies only to the Multipoint Distribution Service.

**J. Item 10—Modification of Outstanding Construction Permit and Amendment of Pending Construction Permit Application**

**2.62 Item 10(a)—File No.—Modification of Outstanding Construction Permit:** This item applies only when the application is for modification of an outstanding (granted and not covered by an application for license) construction permit (Part 5 of this section). Leave blank in all other cases. If applicable, enter the file number of the outstanding construction permit or previous outstanding modification of the construction permit.

**2.63 Item 10(b)—File No.—Amendment of Pending Construction Permit Application:** This item applies only if a pending construction permit, ie, on file with the FCC but not granted, is being amended (Part 4 of this section). Leave blank in all other cases. If applicable, enter the file number of the pending construction permit or pending modification of construction permit.

**General Instructions for Items 11 Through 19**

**2.64** Respond to Items 11 through 19 on *each* application filed on FCC Form 435.

9. ANTENNA INFORMATION			
(a) Antenna Code	(b) Name of Manufacturer	(c) Type or Model Number	(d) Beam Tilt
B67600	Western Elect. Co.	KS-15676, BD	
B61100	Western Elect. Co.	KS-20013	
(2.58)	(2.59)	(2.60)	(2.61)

Fig. 12—FCC Form 435—Item 9—Antenna Information

**K. Item 11—Topographic Maps**

**2.65 Item 11—Topographic Maps:** Enter an **X** in the **Yes** or **No** column, as applicable, of Items 11(a) and (b). Submit an **Exhibit A** (topographic map) if Item 11(a) or (b) is responded to with a **Yes**. Prepare **Exhibit A** [see Item 11(c) of FCC Form 435 and see Section 400-520-102] by plotting the proposed station location as accurately as possible on a full-size topographic map and submit it to the FCC.

**L. Item 12—Site Availability**

**2.66 Item 12—Site Availability:** Enter an **X** in the **Yes** or **No** column as applicable. If **Yes** is the response, place an **X** in the appropriate box(es) to designate the ownership category. True ownership of the site must be reported. The "Site owned" box should be **X'd** only if the site is 100 percent owned by the applicant. Where any lease or agreement to use the land limits, in any way, the applicant's access to or use of the site to provide public service, a copy of the lease or agreement (which clearly indicates the limitations) shall be filed with the application as part of an **Exhibit B**. If the "Other" box is **X'd**, submit an **Exhibit B** which explains the ownership and land use agreement. If more than one site is involved (passive repeater or receive-only station associated with transmit station), identify each site by station name opposite the blocks which have an **X** entered (Fig. 13).

**Note:** Item 12 applies only to the station site, ie, the land on which the site is located, and not to ownership and control of facilities. Item 25 covers ownership and control of facilities.

**M. Item 13—Environmental Impact**

**2.67 Item 13—Environmental Impact:** Enter an **X** in the **Yes** or **No** column as applicable. If an **X** is entered in the **Yes** column, submit as **Exhibit D** (see Section 400-520-102) a statement addressing the environmental impact of the proposal.

**N. Item 14—Antenna Supporting Structure**

**2.68 Item 14(a)—Antenna Supporting Structure:** Enter an **X** in the **Yes** or **No** column as applicable. If an **X** is placed in the **Yes** column, submit as **Exhibit E** (see Section 400-520-102) a vertical profile and plan view sketch for all antenna supporting structures and passive facilities associated with an individual application. Such sketches may be

arranged at the convenience of the applicant for use with multiple service or multiple company (joint use) applications.

**Note:** The antenna structure height, building height, and antenna centerline heights shown on **Exhibit E** must agree with the correspondingly related entries made on Page 1 of FCC Form 435.

**2.69 Item 14(b)—FAA Notification:** Enter an **X** in the **Yes** or **No** column, as applicable, to indicate whether FAA notification (ie, request for FAA clearance) is, or is not, required. If an **X** is entered in the **Yes** column, submit as **Exhibit F** a copy, if available, of the FAA study regarding the potential hazard to aviation of the antenna structure. If the FAA study is not available, enter in the space provided: (1) date that notification was made to the FAA, (2) name of company and station location used in notification to the FAA, and (3) name of FAA regional office where FAA Form 7460-1 (Notice of Proposed Construction or Alteration) was sent (Fig. 14).

**2.70 Item 14(c)—Joint Use:** Enter an **X** in the **Yes** or **No** column, as applicable, to indicate whether or not the proposed antenna is to be supported by a structure authorized in another service or owned by another licensee. If an **X** is placed in the **Yes** column, enter in the spaces provided: (1) the licensee's name, (2) call sign assigned to that licensee, and (3) radio service in which the structure is authorized (Fig. 14).

**O. Item 15—Geostationary Satellite Orbit**

**2.71 Item 15—Geostationary Satellite Orbit:** Enter an **X** in the **Yes** or **No** column as applicable. If an **X** is entered in the **Yes** column, submit as **Exhibit G** a waiver request and justification for same which shows that no reasonable alternative exists to the transmission path proposed and that the proposed system will not cause interference to an authorized or previously filed-for satellite system. (See Section 400-520-102.)

**P. Item 16—Quiet Zone**

**2.72 Item 16—Quiet Zone:** Enter an **X** in the **Yes** or **No** column as applicable. If an **X** is entered in the **Yes** column, enter in the spaces provided: (1) name of authority which was notified and (2) date of notification (Fig. 15).

<p><b>12. SITE AVAILABILITY</b> <span style="float: right; border: 1px solid black; border-radius: 50%; padding: 2px;">2.66</span></p> <p>(a) Does this application propose a new or relocated station (or receive-only station or passive facility)? If "YES", indicate how the site has been secured by checking the appropriate box(es). If more than one site is involved, identify each by site name opposite the appropriate answer. Give site name as listed on page 1 in space provided.</p> <p style="text-align: right;">(Site Name)</p> <p><input checked="" type="checkbox"/> Site owned <span style="margin-left: 100px;">Seligman</span></p> <p><input type="checkbox"/> Site leased <span style="margin-left: 100px;">_____</span></p> <p><input type="checkbox"/> Option to buy <span style="margin-left: 100px;">_____</span></p> <p><input type="checkbox"/> Option to lease <span style="margin-left: 100px;">_____</span></p> <p><input checked="" type="checkbox"/> Federal Government land <span style="margin-left: 100px;">Seligman PR</span></p> <p><input type="checkbox"/> Other (Include explanation in Exhibit B.) <span style="margin-left: 100px;">_____</span></p>	<p>X</p>
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Fig. 13—FCC Form 435—Item 12—Multisite (Transmit and Passive) Availability

**Q. Item 17—Multipoint Distribution Service**

**2.73 Item 17—Multipoint Distribution Service:** Enter an **X** in the **No** column. Leave Items 17(a), (b), and (c) blank.

**Note 2:** Enter in Subitem (8) of Item 19 the cost for miscellaneous items not specifically identified in Subitems (1) through (6). Submit a numbered exhibit explaining the cost shown in Subitem (8) if that cost is 10 percent or more of the total for Subitems (1) through (6).

**R. Item 18—Radio Station Maintenance Center**

**2.74 Item 18—Radio Station Maintenance Center:** Enter, in the spaces provided, the location and telephone number of the 24-hour-a-day manned alarm center associated with the station(s) covered by the application. An "On-File" response may be made only if that information is periodically supplied to the FCC for the applicant company's entire point-to-point microwave radio system (Fig. 16).

**General Instructions for Items 20 Through 34**

**2.76** Items 20 through 34 need be responded to only in the lead application (first application) of a set.

**S. Item 19—Station Construction Cost**

**2.75 Item 19—Station Construction Cost:** Enter the estimated installed costs as appropriate for Subitems (1) through (6) and (8). Leave Subitem 7 blank, and enter the total of Subitems (1) through (6) and (8) in the space provided in Item 19 (Fig. 17).

**T. Item 20—Rule Waivers and Exceptions**

**2.77 Item 20—Rule Waivers and Exceptions:** Enter an **X** in the **Yes** or **No** column as applicable. A **Yes** response should be given if a waiver or exception is required in the application set. If an **X** is entered in the **Yes** column, submit an **Exhibit K** (see Section 400-520-102) which should include all requests for waivers and exceptions, other than those covered by Item 15 (paragraph 2.71), along with justification for each request.

**Note 1:** Do not include engineering and design costs in Item 19 since those costs are a separate entry for Item 31.

**Note:** When requesting modifications of licensed stations, consider filing a request for a waiver of Subsection 21.212(b) of the FCC Rules. This subsection requires a license application to

	YES	NO												
<b>14. ANTENNA SUPPORTING STRUCTURE</b>														
<p>(a) Does this application propose a new or modified antenna supporting structure or passive facility, the addition or removal of an antenna, or the repositioning of an authorized antenna?</p> <p>If "YES", submit, as Exhibit E, a vertical profile sketch for all antenna supporting structures and passive facilities involved in this application. (See Part 21 of the Rules for specific requirements.)</p>	X													
<p>(b) Is FAA notification required for any of the new or modified structures proposed in this application? <b>2.69</b></p> <p>If "YES", submit, as Exhibit F, a copy of the FAA's study regarding the potential hazard to aviation of the structure. If the applicant has not received the FAA's study, specify the following:</p> <p>Date notification made to FAA: <u>February 18, 1981</u>                      Name used in notification to FAA: <u>Hoyt, Kansas</u>                      (Southwestern Bell Telephone Co.)                      FAA regional office where filed: <u>Kansas, MO 64106</u></p>	X													
<p>(c) Does this application involve a new station for which the proposed antenna will be supported by the structure of any other radio station? <b>2.70</b></p> <p>If "YES", supply the following:</p> <table border="0"> <thead> <tr> <th>LICENSEE NAME</th> <th>CALL SIGN</th> <th>RADIO SERVICE</th> </tr> </thead> <tbody> <tr> <td><u>AT&amp;T Long Lines</u></td> <td><u>KA187</u></td> <td><u>PT/PT MW</u></td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> </tr> </tbody> </table>	LICENSEE NAME	CALL SIGN	RADIO SERVICE	<u>AT&amp;T Long Lines</u>	<u>KA187</u>	<u>PT/PT MW</u>	_____	_____	_____	_____	_____	_____	X	
LICENSEE NAME	CALL SIGN	RADIO SERVICE												
<u>AT&amp;T Long Lines</u>	<u>KA187</u>	<u>PT/PT MW</u>												
_____	_____	_____												
_____	_____	_____												

Fig. 14—FCC Form 435—Item 14—Antenna Supporting Structure

be filed covering the granted application before service testing begins. Such a waiver may be required to maintain uninterrupted service to the public.

**U. Item 21—Frequency Coordination**

**2.78 Item 21—Frequency Coordination:**  
 Enter an X in the Yes or No column as applicable. If an X is entered in the Yes column, submit as **Exhibit L** (see Section 400-520-102) a list of the entities/carriers notified and the notification date. If an X is entered in the No block, submit as **Exhibit L** an explanation as to why the applicant believes that frequency coordination is/was not required.

**V. Item 22—Public Interest**

**2.79 Item 22—Public Interest:** Submit as **Exhibit M** (see Section 400-520-102) a statement of the proposal's purpose, including how it will serve the public interest and satisfy the need for service.

**W. Item 23—Section 214 Authorization**

**2.80 Item 23—Section 214 Authorization:** In the spaces provided, enter the information requested concerning an associated Section 214 application (Fig. 18). If not applicable, enter DNA.

<p><b>16. QUIET ZONE</b> <span style="float: right;">(2.72)</span></p> <p>Does this application propose a new or modified station in any "quiet zone" or other area where radio use is restricted under the Commission's Rules?</p> <p>If "YES", specify the following:</p> <p>Authority notified: <u>Director, National Radio Astronomy Observatory, P. O. Box 2, Green Bank, WV 24944</u></p> <p>Date of Notification: <u>March 16, 1981</u></p>	X	
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Fig. 15—FCC Form 435—Item 16—Quiet Zone ("Yes" Response)

<p><b>18. RADIO STATION MAINTENANCE CENTER</b> <span style="float: right;">(2.74)</span></p> <p>Give the address and telephone number of the maintenance center or person responsible for the technical operation of this station. Carriers submitting this information for their entire radio system on a periodic basis, as specified by the Rules, may answer with the term "On File".</p> <p>Location: <u>304 South Dewey, Eau Clair, WI</u></p> <p>Telephone No.: <u>(715) 832-6029</u></p>		
--	--	--

(a) Radio Station Maintenance/Alarm Center Location

<p><b>18. RADIO STATION MAINTENANCE CENTER</b> <span style="float: right;">(2.74)</span></p> <p>Give the address and telephone number of the maintenance center or person responsible for the technical operation of this station. Carriers submitting this information for their entire radio system on a periodic basis, as specified by the Rules, may answer with the term "On File".</p> <p>Location: <u>On File</u></p> <p>Telephone No.: _____</p>		
---	--	--

(b) On-File Reply

Fig. 16—FCC Form 435—Item 18—Radio Station Maintenance Center

19. STATION CONSTRUCTION COST		(2.75)
Give the estimated cost to establish the facilities proposed for this station:		
(1) Transmitters and receivers . . . .	\$ 60,000	_____
(2) Receive only facilities . . . . . (including MDS receivers)	-	_____
(3) Antenna and waveguide, . . . . .	20,000	_____
(4) Passive reflectors/repeaters . . . .	-	_____
(5) Power and control equipment . . . .	7,000	_____
(6) Land, buildings and towers . . . .	15,000	_____
(7) Studio or programming facilities (MDS only) . . . . .	-	_____
(8) Miscellaneous . . . . .	1,000	_____
TOTAL . . . . .	\$103,000	_____

Fig. 17—FCC Form 435—Item 19—Station Construction Cost

**X. Item 24—System Maintenance**

**2.81 Item 24(a)—System Maintenance:**

Enter an **X** in the **Yes** or **No** column as applicable. If a **Yes** response is made, complete Item 24(a) as shown in Fig. 19.

**2.82 Item 24(b)—Contract Maintenance Agreement:**

Enter an **X** in the **Yes** or **No** column as applicable. The response should be **Yes** when a firm unrelated to the applicant has a contract to maintain the facilities. With a **Yes** answer, submit as **Exhibit O** a copy of the maintenance agreement/contract. That agreement/contract must show that (1) maintenance is performed according to the applicant's instructions, (2) the applicant retains control over the radio facilities and their operation, and (3) the applicant assumes full responsibility for the quality of service provided to the public and for the maintenance contractor's compliance with the FCC Rules.

**Y. Item 25—Ownership and Control of Facilities**

**2.83 Items 25(a and b)—Ownership and Control of Facilities:**

Indicate the ownership

and control of installed facilities, ie, owner, lessee, or other, by placing an **X** in the applicable box of Item 25(a). Place an **X** in the box labeled "Owner" when the facilities are used jointly with AT&T Long Lines. Place an **X** in the **Yes** or **No** column of Item 25(b), as applicable, to indicate whether there are any agreements, either existing or under negotiation, which might affect ownership or control of the facilities proposed in the application set. Give a **Yes** response to Item 25(b) and submit an **Exhibit Q** (see Section 400-520-102) when a license assignment, ie, transfer of license, is pending or when the facilities are used jointly with AT&T Long Lines. Consult your legal department regarding any agreements/negotiations that would affect the response to Item 25(b).

**Z. Item 26—State or Local Franchises**

**2.84 Item 26—State or Local Franchises:**

For most locations, respond with an **X** in the **No** column. However, each company must determine whether or not that response is appropriate for radio installations in its territory. Consult your company's legal department for guidance in responding to Item 26.

23. SECTION 214 AUTHORIZATION **(2.80)** DNA

If authorization for radio channel multiplexing pursuant to Section 214 of the Communications Act is being (or has been) requested, identify that application with the following:

(a) Date filed or estimated filing date: \_\_\_\_\_

(b) FCC file no. (if known): \_\_\_\_\_

(a) Section 214—Does Not Apply

23. SECTION 214 AUTHORIZATION **(2.80)**

If authorization for radio channel multiplexing pursuant to Section 214 of the Communications Act is being (or has been) requested, identify that application with the following:

(a) Date filed or estimated filing date: February 15, 1981

(b) FCC file no. (if known): WPC-772

(b) Applicable Section 214 Filing

Fig. 18—FCC Form 435—Item 23—Section 214 Authorization

24. SYSTEM MAINTENANCE **(2.81)**

(a) Does this proposal involve construction of one or more new stations or a change in previously specified maintenance procedures?

If "YES", submit, as Exhibit N, an explanation of the arrangements to ensure good public communications service. Include a description of the technical personnel, routine maintenance procedures, emergency repair procedures, and fault alarm facilities, if any.

"Bell System Maintenance Arrangement Showing--On File"

(b) Will anyone other than the applicant's employees (including employees of commonly owned companies) perform any maintenance on the equipment involved in this proposal?

If "YES", submit, as Exhibit O, a copy of the contract or agreement for such maintenance. Include identity and relationship to applicant of the party performing the maintenance.

Fig. 19—FCC Form 435—Item 24—System Maintenance

**AA. Item 27—Subscriber Affiliation**

**2.85 Item 27—Subscriber Affiliation:** Place an **X** in the **Yes** or **No** column, as applicable, depending on the service to be provided. If the response is **Yes**, submit **Exhibit R** (see Section 400-520-102) according to the FCC Form 435 instructions.

**BB. Item 28—Service to CATV Systems**

**2.86 Items 28(a Through f)—Service to CATV Systems:** Enter an **X** in the **Yes** or **No** column as applicable. If the response is **Yes**, enter the information required in the spaces provided, (a) through (e). If additional space is required, enter "See **Exhibit S**" and submit the information as **Exhibit S**. Respond to Item 28(f) with a **Yes** or **No**, as applicable, to reflect whether the CATV system has all the necessary state and/or local franchise authority. If the response to Item 28(f) is **No** and a **Yes** response was given at the beginning of Item 28, provide an explanation in **Exhibit S**.

**CC. Item 29—Tariff**

**2.87 Item 29—Tariff:** Enter an **X** in the **Yes** or **No** column as applicable. If an **X** is entered in the **Yes** column, identify the applicable tariffs in the space provided in Item 29. If the facilities proposed are for interstate traffic, list the appropriate FCC tariffs. If the facilities proposed are for intrastate traffic, list the appropriate state and local tariffs (Fig. 20). Verify that all applicable tariffs are listed. If tariffs covering the proposed service are not on file,

enter an **X** in the **No** column and submit an **Exhibit T** describing the proposed schedule of charges and the general terms of service. If an existing tariff is to be amended, identify that tariff in **Exhibit T** and describe the significant modifications proposed.

**Note:** In lieu of specifically identifying FCC tariffs in Item 29, it is permissible to enter the following statement:

"Interstate Tariffs on File With FCC Tariff Branch."

**DD. Item 30—Financial Ability**

**2.88 Item 30—Financial Ability:** Prepare and submit an **Exhibit U** describing the applicant's financial ability to construct and operate the facilities proposed in the application set (see Section 400-520-102).

**EE. Item 31—System Construction Cost**

**2.89 Item 31—System Construction Cost:** On FCC Form 435 covering the lead application, enter in the spaces provided the estimated cost(s) (Fig. 21) of the facilities proposed in the application set. In the first category, enter engineering and design costs associated with the proposal. Application fees, when and if reinstated by the FCC, for the application set should be the only entry in the second category. In the third category, enter the grand total of the amounts shown in Item 19 of each application of the application set. Do not include the cost for channelizing (MUX) equipment.

	YES	NO
<p>29. TARIFF <span style="float: right;">(2.87)</span></p> <p>Are the charges for the proposed service contained in a tariff filed with the FCC or a state commission?</p> <p>If "YES", identify said tariff: <u>FCC 3, 35, 259, 260, 263, PSC of Wisconsin Tariff No. 1, 3, 4, 5, and 7</u></p> <p>If "NO", submit, as Exhibit T, a copy of the proposed schedule of charges and general terms of service. If an existing tariff is to be amended, only the modifications involving significant changes need be set forth.</p>	X	

Fig. 20—FCC Form 435—Item 29—Tariff

**FF. Item 32—Additional Exhibits**

**2.90 Item 32—Additional Exhibits:** Identify all numbered exhibits by title and by the item number on FCC Form 435 to which the numbered exhibit applies (Fig. 22).

**GG. Item 33—Familiarity With the Commission’s Rules**

**2.91 Item 33—Familiarity With the Commission’s Rules:** Enter an *X* in the *Yes* box.

**HH. Item 34—Licensee Qualification Report**

**2.92 Items 34(a and b)—Licensee Qualification Report:** Enter an *X* in the *Yes* column

of Item 34, and enter the date of the latest filing of FCC Form 430 in the space provided by Item 34(a) (Fig. 23). For Item 34(b), enter an *X* in the *Yes* or *No* column as applicable. If the response to Item 34(b) is *Yes*, submit a revision to FCC Form 430 along with the FCC Form 435(s) being filed. FCC Form 430s must be kept current and, in any event, must be refilled annually during January of each year if any communication service to the public was provided during the previous year.

**Application Certification for Items 35 and 36**

**2.93** Items 35 and 36 must be completed on each application filed on FCC Form 435.

31. SYSTEM CONSTRUCTION COST <span style="float: right;">(2.89)</span>	
Estimated cost to establish facilities proposed in this set of applications:	
Total system engineering and design .....	\$ 37,000.00
Application (including preparation & prosecution of applications, filing & grant fees, legal fees, etc.) .....	---
Total facilities other than multiplex equipment (sum of costs specified in question 19 for all applications in this set) .....	521,000.00
Grand total .....	\$558,000.00

**Fig. 21—FCC Form 435—Item 31—System Construction Cost**

32. ADDITIONAL EXHIBITS <span style="float: right;">(2.90)</span>	
Provide any other information, in attached exhibits, that may be required by the Commission’s Rules not otherwise addressed in this form. Identify any such exhibits below.	
<u>EXHIBIT NO.</u>	<u>IDENTITY</u>
1	Use of OT Code in Item 2(d).
2	Explanation of Item 19 Misc. Cost on 1 of 4.
3	Justification for 24-Month Construction Interval Requested in Item 4.
<del>4</del>	_____
<del>5</del>	_____
<del>6</del>	_____
7	_____
<del>8</del>	_____

**Fig. 22—FCC Form 435—Item 32—Additional Exhibits**

	YES	NO
<b>34. LICENSEE QUALIFICATION REPORT</b> <span style="float: right;">(2.92)</span> Has the applicant previously filed the "Common Carrier Radio Licensee Qualification Report," FCC Form 430?  If "NO", said form must be completed and submitted with this (these) application(s).  If "YES":  (a) Indicate the date of such filing: <u>January 29, 1981</u>	X	
(b) Has there been any significant change in the information contained in such previously filed form?  If "YES", a revised form must be completed and submitted with this (these) applications.		X

Fig. 23—FCC Form 435—Item 34—Licensee Qualification Report

II. Item 35—Engineering Certification

2.94 Item 35—Engineering Certification:

Enter the required information in the spaces provided (Fig. 24). The engineering certification must be signed on the original of each application of the set by the technically qualified person who is responsible for application preparation.

spelled out in full and consistent with that provided in Item 1. The certification must be signed by an officer of the company or a duly authorized employee. Enter the date of signing, the printed/typed name of the person signing, and his title (Fig. 25). Each application in a set must be signed.

JJ. Item 36—Applicant Certification

2.95 Item 36—Applicant Certification: Enter the official corporate name of the company,

3. SPECIAL INSTRUCTIONS FOR PASSIVE FACILITIES

3.01 Complete a separate Page 1 of FCC Form 435 for each passive repeater or passive reflector facility involved in the application. If multiple passive reflectors are used and the reflectors are close

35. CERTIFICATION OF PERSON RESPONSIBLE FOR PREPARING ENGINEERING INFORMATION SUBMITTED IN THIS APPLICATION <span style="float: right;">(2.94)</span>  I hereby certify that I am the technically qualified person responsible for preparation of the engineering information contained in this application, that I am familiar with Part 21 of the Commission's Rules, that I have either prepared or reviewed the engineering information submitted in this application, and, that it is complete and accurate to the best of my knowledge.  By <u>B. B. Black</u> <u>B. B. Black</u> Dated this <u>30th</u> day of <u>January</u> , 1981 <small>(signed) (printed)</small>  Address: <u>140 New Montgomery St.</u> <u>San Francisco</u> <u>CA</u> <u>94105</u> <small>(Number) (Street) City State ZIP Code</small>
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Fig. 24—FCC Form 435—Item 35—Engineering Certification

36.	<b>CERTIFICATION OF APPLICANT</b>
<p>The APPLICANT waives any claim to the use of any particular frequency or of the ether as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests a construction permit in accordance with this application. All statements made in the attached exhibits are a material part hereof and are incorporated herein as if set out in full in this application. The undersigned, individually and for the applicant, hereby certifies that the statements made in this application are true, complete and correct to the best of his (her) knowledge and belief, and are made in good faith.</p>	
(2.95)	
Dated this <u>31st</u> day of <u>January</u> , 19 <u>81</u> .	
Applicant <u>The Pacific Telephone &amp; Telegraph Co.</u> <small>(must correspond with that shown on page 1)</small>	
By <u>John J. Jones</u> <u>John J. Jones</u> <small>(signed) (printed)</small>	
Title <u>Vice President</u> <u>Engineering</u> <small>(position held by person signing for applicant)</small>	

WILLFUL FALSE STATEMENTS MADE ON THIS APPLICATION ARE PUNISHABLE BY FINE AND IMPRISONMENT  U.S. Code, Title 18, Section 1001 AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT  U.S. Code, Title 47, Section 312(a)

Fig. 25—FCC Form 435—Item 36—Applicant Certification

enough to have the same geographic coordinates (when rounded to the nearest second), treat the reflectors as a single facility. Each Page 1 of the FCC form submitted to cover passive facilities should be attached just after Page 1 of the related transmit station's FCC Form 435 application. Refer to Fig. 26 for an example of the required submissions of Page 1s of FCC Form 435 when passive reflectors are involved in the proposed project. The first blank of Item 3 on Page 1 of FCC Form 435 covering the passive site should be numbered 1A if it is attached to the lead application, 2A if attached to the second application of a set, etc.

#### 4. APPLICATION FOR AMENDMENT OF PENDING CONSTRUCTION PERMIT APPLICATION

**4.01** Amendment of a pending construction permit application is required when that application is (1) deficient in required information, (2) found to contain conflicting or erroneous data, or (3) no longer in agreement with the present proposal.

**4.02** To amend an FCC Form 435 application, submit replacement pages and request that the FCC substitute the pages for those originally submitted. Complete the replacement pages in their entirety according to the instructions in this section.

#### 5. APPLICATION FOR MODIFICATION OF OUTSTANDING CONSTRUCTION PERMIT

##### General

**5.01** Changes, other than those defined by the FCC Rules as permissible, in an outstanding (granted but not covered by license application) construction permit may be made only if the FCC grants a modification request filed on FCC Form 435.

##### Modification Instructions

**5.02** *Items 1 and 2(a, b, and c):* Complete in accordance with the instructions in this section.

**5.03** *Item 2(d):* Enter the appropriate nature-of-application code(s) (paragraph 2.10) to identify the modification being requested, ie, enter **only** the code(s) covering the modification. For example, if a construction permit coded NS for a "new station" is being modified by the addition of a frequency, enter only AF and AT in Item 2(d).

**5.04** *Items 3, 4, and 5:* Complete in accordance with instructions in this section.

**Note:** Applications for modification constitute a new application set and should be so numbered in Item 3.

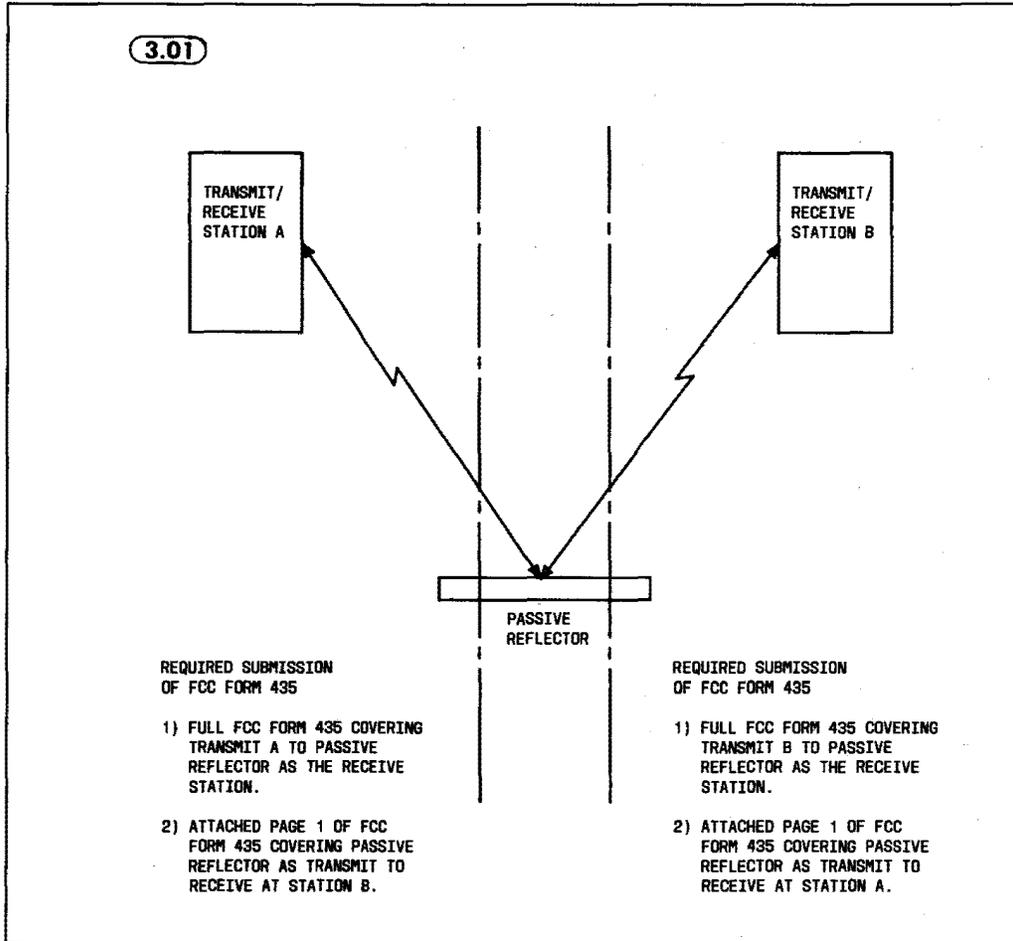


Fig. 26—FCC Form 435 Page 1s Covering Passive Reflectors

**5.05 Items 6 Through 9:** Complete all items as though the modification were an original construction permit application (see previously provided instructions covering Items 6 through 9). Use previous action codes in Items 6(n), 7(l), and 8(j) for those items of the construction permit that are being retained without change. For items being modified or added, enter action codes in Items 6(n), 7(l), and 8(j) that would have been applicable if the modified/added data had been part of the original construction permit application. All data desired on the modified construction permit must be included on Page 1 of FCC Form 435. Information included on the outstanding construction permit that is not included on Page 1 of the modified FCC Form 435 will be considered by the FCC as no longer required by the applicant.

**5.06 Item 10(a):** Enter the file number of the authorization being modified. Where one or more modifications of construction permits have been previously granted, the file number of the last modification granted by the FCC should be entered.

**5.07 Item 10(b):** Leave blank.

**5.08 Items 11 Through 36:** Complete each item in accordance with the instructions in paragraphs 2.65 through 2.95. Reference may be made to exhibits submitted with the original construction permit applications or with subsequent modifications, providing that the exhibits have not been changed and are longer than one page. Referenced exhibits that are one page or less must be resubmitted with FCC Form 435s requesting modification of a construction permit.

**Note:** Items 19 and 31 should include only those costs associated with the requested modification. Enter a note in Items 19 and 31 explaining how the amounts shown affect the amounts listed on the original application set.

**6. SUBMITTAL OF PAGE 1 OF FCC FORM 435 IN DATA-PROCESSING FORMAT (OPTIONAL)**

**6.01** Part 21 of the FCC Rules and Regulations specifies that the technical data on Page 1 of FCC Form 435 may be filed in an automatic data-processing format.

**6.02** Perform the following steps when filing a construction permit application (FCC Form 435) in the data-processing format.

- (a) Submit Page 1 of FCC Form 435 with only Item 1 completed and with the following prominently typed in the Item 6 space: "See attached computer-prepared listing."

- (b) Submit a printout of Page 1 of FCC Form 435 data in the format specified by the FCC.

- (c) Submit completed Pages 2 through 8 of FCC Form 435.

**Note:** The FCC has suspended the requirement in Part 21 of the Rules and Regulations specifying the use of punched cards when submitting Page 1 of FCC Form 435 in a data-processing format.

**6.03** Detailed instructions covering mechanized preparation of Page 1 of FCC Form 435 are stored in the IBM VM-370 Conversational Monitoring System which is maintained by AT&T's Long Lines Department. Your company's frequency coordinator can provide instructions for access to and execution of the appropriate program (FCCINSTR).