

Sections Affected in the Finding Aids section of this volume.

**§ 73.1692 Broadcast station construction near or installation on an AM broadcast tower.**

Where a broadcast licensee or permittee proposes to mount a broadcast antenna on an AM station tower, or where construction is proposed within 0.8 km of an AM nondirectional tower or within 3.2 km of an AM directional station, the broadcast licensee or permittee is responsible for ensuring that the construction does not adversely affect the AM station, as follows:

(a) *Installations on an AM nondirectional tower.* During installation of the broadcast antenna and related equipment, the AM station shall determine operating power by the indirect method (see § 73.51). Upon the completion of the installation, antenna impedance measurements on the AM antenna shall be made, and, prior to or simultaneously with the filing of the license application covering the broadcast station installation, an application on FCC Form 302-AM (including a tower sketch of the installation) shall be filed with the Commission for the AM station to return to direct power measurement.

(b) *Installations on an AM directional array.* Prior to commencing construction, the broadcast permittee or licensee shall notify the AM station so that, if necessary, the AM station may determine operating power by the indirect method (see § 73.51) and request special temporary authority pursuant to § 73.1635 to operate with parameters at variance in order to maintain monitoring point field strengths within authorized limits. Both prior to the commencement of construction and upon completion of construction, a partial proof of performance (as defined by § 73.154) shall be conducted to establish that the AM array has not been adversely affected. Prior to or simultaneously with filing of the license application to cover the broadcast station construction, the results of the partial proof of performance shall be filed with the Commission on Form 302-AM.

(c) *Tower erections or modifications within 0.8 km of an AM nondirectional tower.* Prior to commencing the construction of tower modifications, or

the erection of a new tower, within 0.8 km of an AM nondirectional tower, the broadcast permittee or licensee is required to notify the AM station so that the AM station may commence determining operating power by the indirect method (see § 73.51). The broadcast licensee or permittee shall be responsible for the installation and continued maintenance of detuning apparatus necessary to prevent adverse effects on the radiation pattern of the AM station. Both prior to construction of the tower modifications and upon completion of construction, antenna impedance measurements of the AM station shall be made. In addition, sufficient field strength measurements taken at a minimum of 10 locations along each of 8 equally spaced radials, shall be made to establish that the AM radiation pattern is essentially omnidirectional. Prior or simultaneously with the filing of the application for license to cover this permit, the results of the impedance measurements and the field strength measurements shall be filed with the Commission on FCC Form 302-AM for the AM station to return to the direct method of power determination.

(d) *Tower erections or modifications within 3.2 km of an AM directional station.* Prior to commencing construction of tower modifications, or the erection of a new tower structure, within 3.2 km of an AM directional array, the broadcast permittee or licensee shall notify the AM station so that, if necessary, the AM station may determine operating power by the indirect method (see § 73.51) and request special temporary authority pursuant to § 73.1635 to operate with parameters at variance in order to maintain monitoring point field strengths within authorized limits. The broadcast licensee or permittee shall be responsible for the installation and continued maintenance of detuning apparatus necessary to prevent adverse effects upon the radiation pattern of the AM station. Both prior to the commencement of construction and upon completion of construction, a partial proof of performance (as defined by § 73.154) shall be conducted to establish that the AM array has not been adversely affected. Prior to or simultaneously with filing of the license application to cover the broadcast station

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construction, the results of the partial proof of performance shall be filed with the Commission on Form 302-AM.

[62 FR 51062, Sept. 30, 1997]

**§ 73.1695 Changes in transmission standards.**

The FCC will consider the question whether a proposed change or modification of transmission standards adopted for broadcast stations would be in the public interest, convenience, and necessity, upon petition being filed by the person proposing such change or modification, setting forth the following:

(a) The exact character of the change or modification proposed;

(b) The effect of the proposed change or modification upon all other transmission standards that have been adopted by the FCC for broadcast stations;

(c) The experimentation and field tests that have been made to show that the proposed change or modification accomplishes an improvement and is technically feasible;

(d) The effect of the proposed change or modification in the adopted standards upon operation and obsolescence of receivers;

(1) Should a change of modification in the transmission standards be adopted by the FCC, the effective date thereof will be determined in the light of the considerations mentioned in this paragraph (d);

(2) [Reserved]

(e) The change in equipment required in existing broadcast stations for incorporating the proposed change or modification in the adopted standards; and

(f) The facts and reasons upon which the petitioner bases the conclusion that the proposed change or modification would be in the public interest, convenience, and necessity.

[49 FR 4211, Feb. 3, 1984]

**§ 73.1700 Broadcast day.**

The term *broadcast day* means that period of time between the station's sign-on and its sign-off.

[43 FR 45849, Oct. 4, 1978]

**47 CFR Ch. I (10-1-00 Edition)**

**§ 73.1705 Time of operation.**

(a) Commercial and noncommercial educational TV and commercial FM stations will be licensed for unlimited time operation. Application may be made for voluntary share-time operation.

(b) Noncommercial educational FM stations will be licensed for unlimited and share time operation according to the provisions of § 73.561.

(c) AM stations in the 535-1705 kHz band will be licensed for unlimited time. In the 535-1605 kHz band, stations that apply for share time and specified hours operations may also be licensed. AM stations licensed to operate daytime-only and limited-time may continue to do so; however, no new such stations will be authorized, except for fulltime stations that reduce operating hours to daytime-only for interference reduction purposes.

[43 FR 45849, Oct. 4, 1978, as amended at 56 FR 64872, Dec. 12, 1991]

**§ 73.1710 Unlimited time.**

Operation is permitted 24 hours a day.

[43 FR 45849, Oct. 4, 1978]

**§ 73.1715 Share time.**

Operation is permitted by two or more broadcast stations using the same channel in accordance with a division of hours mutually agreed upon and considered part of their licenses.

(a) If the licenses of stations authorized to share time do not specify hours of operation, the licensees shall endeavor to reach an agreement for a definite schedule of periods of time to be used by each. Such agreement shall be in writing and each licensee shall file it in duplicate original with each application to the FCC in Washington, DC for renewal of license. If and when such written agreements are properly filed in conformity with this Section, the file mark of the FCC will be affixed thereto, one copy will be retained by the FCC, and one copy returned to the licensee to be posted with the station license and considered as a part thereof. If the license specifies a proportionate time division, the agreement shall maintain this proportion. If no proportionate time division is specified