

FLORIDA BUILDING COMMISSION
Mechanical Technical Advisory Committee
Orlando, Florida
October 9, 2005

Minutes

The meeting was convened by Chair Steve Bassett at 1:00 pm. A quorum of eight voting members was present. The meeting was concurrent with the Fire TAC. Results of the DEC request were reported with the legal report.

Voting Members Present:

Steve Bassett, Bob Andrews, Jim Cummings, Mike McCombs, Don Pittman and Pete Quintela, Joe Crum, Peggy Patterson.

Others Present: Ann Stanton, Staff support

Meeting Objective:

Discuss and provide recommendation on DCA05-DEC-175.

Actions Taken:

DCA05-DEC-175 by Gene Boecker, AIA, Code Consultants, Inc. Petitioner seeks a Declaratory Statement on an interpretation of Section 513.1 of the Florida Building Code, Mechanical, and section 403.15 of the Florida Building Code, Building.

Question 1: “Is it acceptable to provide a mechanical smoke control system that operates on a selective basis to provide pressurization only to the public/common corridor with the intent to limit smoke migration from the guestrooms to the corridor?”

Answer: The building in question as a whole must be provided with a smoke control system in accordance with the design criteria of Section 403.15 of the Florida Building Code, Building, Section 513.2 of the Florida Building Code, Mechanical and well established principles of engineering. It is the responsibility of the designer to configure the appropriate smoke control system for the building in question for compliance with the Code.

Question 2: “Is it acceptable, to consider the open parking garage as inherently smoke protected through passive means by virtue of it being categorized as an open parking garage?”

Answer: YES. The criteria for open parking garage in Section 406.3 of the FBC, Building are acceptable means for providing natural smoke control for the building.

Question 3: “Is it acceptable to provide direct egress to the exterior for the ground level retail spaces in lieu of a mechanical smoke control system?”

Answer: See answer to Question 1.

Note: Petitioner provided clarification as to name of project (Water Tower) and location (City of Miami). Mike McCombs moved that the minutes from the previous meeting be approved. Seconded. Approved unanimously.

Adjournment

The meeting was adjourned at 1:30 p.m.