



DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONS

Public Safety Services



V. J. BELLA
STATE FIRE MARSHAL

M. J. "MIKE" FOSTER, JR.
GOVERNOR

M E M O R A N D U M

TO: Sprinkler Review Staff
Sprinkler Contractors
Architects/Engineers

FROM: Jerry J. Jones
Chief Architect
Plan Review Section

RE: Sprinkler Rejections

DATE: March 23, 1997

SPRINKLER REJ 71015

It has come to my attention that a lack of consistency exists in regards to the issuance of Not-in-Compliance sprinkler review letters. Only the following items shall be cause for rejection by the Fire Marshal Review Staff. The staff shall be required to automatically reject any submittal deficient with respect to any one of these items.

1. No architectural review (where one is required).
2. Referenced or most current architectural review is a not in compliance review letter.
3. Shop drawings not submitted by a LA licensed Professional of Record when required.
4. Project not prepared by a LA licensed sprinkler contractor when required.
5. No response from the applicant to a deadline imposed.
6. Inadequate or unacceptable response to a deadline imposed.
7. Hydraulically most demanding area not calculated or insufficient design area, length or number of sprinklers calculated. Room design method used without indication of fire rated walls or protected wall openings as required by code.
8. Designs that conflict with code requirements eg. gridded dry pipe systems, ESFR sprinklers installed under roofs with a greater slope than 1 inch per ft., extended coverage sprinklers used where not permitted, etc.,
12. Sprinkler system demand exceeds supply or inadequate water available at site.
13. Pipe type and internal diameter or sprinkler type or K factor shown on the plans differ materially from those used in the calculations. (Calculations must reflect the same materials indicated in the plans).
14. Designed for the wrong hazard classification.

4069

SPKREICT

"Is Yours Working" ??

Smoke Detectors Save Lives !!

OFFICE OF STATE FIRE MARSHAL • 5150 FLORIDA BOULEVARD, BATON ROUGE, LA 70806
(504) 925-4911 1-800-256-5452

15. Wrong system type (wet, dry, etc.), code basis (NFPA 13, 13R, 231, etc.) or inadequate design density and area for the occupancy classification.
16. Partial protection where protection throughout is required.
17. Inadequate density/discharge at the most demanding sprinkler(s).
18. Fictitious pipe or sprinkler type shown on the drawing or calculation.
19. Where the following information is necessary to complete a review and the information is not provided, the plan may possibly be rejected. (Missing required drawing or equivalent information):
 - a. No full height cross section, fully dimensioned (including elevations above grade) with sprinkler piping.
 - b. Ceiling construction and changes in heights not clearly shown.
 - c. Partitions not clearly shown.
 - d. Occupancy of each area or room not shown.
 - e. Water supply information with location of test and elevation not shown.
 - f. Make, type and K factor of sprinklers not identified.
 - g. Pipe types not identified.
 - h. Pipe sizes and pipe lengths, for center to center dimensions not shown.
 - i. Calculated system demand and design basis for the required water supply not shown on the plan.
20. An excessive number of required corrections are needed throughout the drawings or calculations which would make compliance verification uncertain.

If for any reason, other than those listed, a staff member feels a rejection is warranted, consultation with and concurrence by the Architectural Supervisor or Chief Architect (Deputy Assistant Secretary) must occur prior to the issuance of a not-in-compliance letter.

Also note that if a resubmittal is pending a second not-in-compliance, the reviewer will contact the applicant, and explain the non-conformances, prior to release of the review letter.

JWJ/HCR/kmw

cc: Henry C. Reed
Dick Thevenot

SPKREICT

4070