



STATE OF LOUISIANA
DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONS

OFFICE OF STATE FIRE MARSHAL


EDWIN W. EDWARDS
GOVERNOR

COL. PAUL W. FONTENOT
DEPUTY SECRETARY

CONNECTION OF HOOD SW SYS TO FIRE ALARM

MEMORANDUM

TO: Jack Oliver
Michael Cammarosano

FROM: Jerry W. Jones, Chief Architect 

SUBJECT: Connection of Hood Fire Suppression Systems
to Fire Alarm Systems

DATE: June 27, 1994

There has been a great deal of confusion regarding the requirement for an interconnection between the suppression system within a hood and the fire alarm system in an existing facility. In order to determine whether this is required, one must first know when the facility and the fire suppression system and the alarm system was first installed to determine which standard or standards apply to that particular installation. As you are aware, new work in an existing building is required to comply with the new chapter requirements of the NFPA 101 Life Safety Code currently enforced and therefore the requirements of the referenced adopted publications. This has lead to a great deal of confusion due to the fact that many times it is impossible to determine, when these "systems" were installed, and therefore it is impossible to determine which codes are actually applicable. Therefore, after researching this issue, it has been determined that this office will utilize the following interpretation:

Fixed extinguishing systems protecting commercial cooking equipment in kitchens that are protected by a complete automatic sprinkler system need not initiate the fire alarm system.

In other words, where a facility is protected throughout by an approved automatic sprinkler system providing alarm initiation due to water flow within the sprinkler system, this office will not require the suppression system within the hood system to be connected to the fire alarm system.

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5150 FLORIDA BOULEVARD, BATON ROUGE, LA 70806
(504) 925-4911 ARSON TIP LINE 1-800-272 8310

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In existing facilities that are not protected by an approved supervised automatic sprinkler system, this office must enforce the specific requirements of the applicable codes depending on when the building was constructed or last substantially remodeled and/or when the system was originally installed. In order to cite the correct deficiency, it will be necessary to research the applicable codes and cite it according to those requirements.

JWJ/adg

cc: Michael Cammarosano
District Offices

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