

TELEPHONE MEMO

TO: Plan Review Staff
Henry C. Reed, Sr.
Jerry W. Jones
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FROM: Jean Carter

SUBJECT/QUESTION: Does the penetration of pendent sprinkler heads (standard, recessed, etc.) through the ceiling of a rated floor-ceiling or roof-ceiling assembly jeopardize the integrity of the rated assembly?

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Comments per H. Ingerman.

No-not really. With respect to UL's Through-Penetration Firestop Systems (XHEZ) section, in Volume 2 of the Fire Resistance Directory, UL acknowledges a penetrating pipe as "intended for the transport of gases, liquids, and the like". Although sprinkler piping technically falls into this category, fire stopping the hole at the pipe penetration or recessed head penetration becomes a mute issue due to the protection from the head itself serving as an equivalency. This is an understood equivalency at UL; nothing has been "written in stone".

JC/kmw

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SPRINKLER PENETRATION OF THE FIRE SEPARATION (HEAD)