

**INTERPRETATION IC 90.1-1989-5 OF
ASHRAE/IES STANDARD 90.1-1989
ENERGY EFFICIENT DESIGN OF NEW BUILDINGS
EXCEPT LOW-RISE RESIDENTIAL BUILDINGS**

February 4, 1991

Request From: Mr. Joseph R. Zaharewicz, Sylvan R. Shemitz Associates, 145 Orange Ave., West Haven, CT 06516.

References: This request refers to the definitions in Section 3 of Standard 90.1-1989 as they apply to the unit lighting power allowances (ULPA) used for the connected lighting power (CLP) calculation in the System Performance Criteria for grocery stores, classified as Retail Type "E."

Question: Must the lighting in refrigerator and freezer cases, both open and enclosed, be included in calculating a grocery store's CLP?

Answer: No.

Comments: It is the project committee's intent that lighting fixtures located in refrigerator or freezer cases and designed as an integral part of the refrigerator or freezer case, either open or enclosed, be exempt from the lighting criteria in Section 6.

The project committee will consider inclusion of clarified wording in an early addendum or revision to 90.1-1989.