

Marcus R. McCraven  
Vice President-Environmental Engineering

RECEIVED

**UI** United Illuminating

80 Temple Street, New Haven, Connecticut 06508

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November 27, 1979

U.S. NUCLEAR REG.  
COMMISSION

U. S. Nuclear Regulatory Commission (NRC)  
Materials Branch  
Division of Materials and Fuel  
Cycle Facility Licensing  
Washington, D.C. 20555

Gentlemen:

Attached herewith is a completed Application For Byproduct Material License, Form AEC-313, as required for purchase and use of a Perkin-Elmer Corporation Sigma 4 series gas chromatograph (catalog #0331-9400) containing Nickel 63 in an electron capture detector module.

The intended use of the above gas chromatograph will be for analysis of polychlorinated biphenyls (PCB's) in accordance with U. S. Environmental Protection Agency regulations issued May 31, 1979. As you are no doubt aware, PCB's are an environmental contaminant receiving great attention. It has been our recent experience that results of PCB analyses from outside laboratories have been inconsistent, untimely and costly. In an effort to remedy this situation, we are attempting to develop our own testing capability in this area.

Accordingly, whatever steps you might take to expedite issuance of the desired license will be greatly appreciated.

We understand that Perkin-Elmer Corporation has on file in your office a copy of the instruction manual for the above instrument. If you should have any further questions, please contact me at (203) 787-7763.

Sincerely,

*Marcus R. McCraven*

Attach.

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The United Illuminating Company  
an investor-owned electric light and power company

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