

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of)
)
PHILADELPHIA ELECTRIC COMPANY) Docket Nos. 50-352
) 50-353
(Limerick Generating Station,)
Units 1 and 2))

AFFIDAVIT OF PAO-TSIN KUO IN RESPONSE
TO THE LICENSING BOARD'S ORDER OF SEPTEMBER 7, 1984

I, Pao-Tsin Kuo, being sworn, do depose and stated:

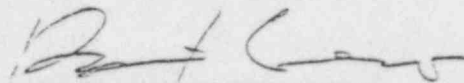
1. I am a structural engineer and employed by the U.S. Nuclear Regulatory Commission as a Section Leader in the Structural and Geotechnical Engineering Branch, Division of Engineering, Office of Nuclear Reactor Regulation. My duties include, among other things, the supervision of the professional work of the structural engineers in my Section and the subsequent review of their professional work product. A statement of my professional qualifications is contained in the record of this proceeding, ff. Tr. 9043, and is hereby made a part of this Affidavit.

2. In my capacity as Section Leader, I reviewed the professional work of Norman D. Romney, a structural engineer in my Section, and gave testimony on behalf of the NRC in this proceeding. Mr. Romney's professional work, his testimony and mine related to the margins of structural capability of Category 1 structures to resist blast overpressures that could result from an explosion of gasoline or natural gas leaking from pipelines located at or near the Limerick Generating Station site.

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3. I have carefully reviewed the Affidavit of Robert M. Gallo submitted in response to the Licensing Board's Order of September 7, 1984. There is nothing in Mr. Gallo's Affidavit which would cause me to change the testimony that I gave previously regarding the effects of blast overpressure on safety-related structures resulting from a gasoline or natural gas explosion.

I hereby certify that the above statements are true and correct to the best of my knowledge.



Pao-Tsin Kuo
Section Leader
Structural and Geotechnical
Engineering Branch
Division of Engineering
Office of Nuclear Reactor Regulation

Subscribed and sworn to before me
this 19th day of September 1984


Notary Public

My commission expires 7/1/86

