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PHILADELPHIA ELECTRIC COMPANY

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JOHN S. KEMPER
VICE-PRESIDENT
ENGINEERING AND RESEARCH

SEP 24 1984

Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUBJECT: Limerick Generating Station, Units 1 & 2
Additional Information for Auxiliary Systems
Branch Regarding SER Open Issue #2 (Tornado
Missile Effects on Ultimate Heat Sink)

- REFERENCE:
- 1) Letter J. S. Kemper to A. Schwencer,
dated 9/4/84 with Attachment dated
August, 1984
 - 2) Letter J. S. Kemper to A. Schwencer,
dated 9/11/84 with Attachment dated
September, 1984
 - 3) Telecon 9/21/84, R. Martin to J. T. Robb

Dear Mr. Schwencer:

This letter confirms the information clarifying the reference 1
and 2 responses provided in the reference 3 telecon.

The cooling tower failure speeds were determined by evaluation of
the tower assuming steady winds over the entire tower.

The Weibull distribution parameters in the reference 2 response
were estimated by fitting the 78 mph and 102 mph points from
NUS-4507. These correspond to frequency of 1×10^{-2} and 5×10^{-4}
respectively.

Very truly yours,

V. S. Boyer
for JSK

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See Attached Service List

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