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 KEISER, H.W. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 BUTLER, W.R. Project Directorate I-2

see Rpt

SUBJECT: Forwards Topical Rept PL-NF-89-005, "Qualification of Transient Analysis Methods for BWR Design & Analysis."

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*NRR Chatterton
IRM Tech Adv*

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Harold W. Keiser
Senior Vice President-Nuclear
215/770-4194

Director of Nuclear Reactor Regulation
Attention: Dr. W. R. Butler, Project Director
Project Directorate I-2
Division of Reactor Projects
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
SUBMITTAL OF TOPICAL REPORT PL-NF-89-005
PLA-3328 FILES A7-8A/A17-20/R41-2

Docket Nos. 50-387
and 50-388

Reference: Letter, W.R. Butler to H.W. Keiser, "Topical Report PL-NF-87-001, "Qualification of Steady State Core Physics Methods for BWR Design and Analysis" (TAC Nos. 65171 and 65172)", dated April 28, 1988.

Dear Dr. Butler:

The purpose of this letter is to submit for your review and approval the attached topical report PL-NF-89-005 entitled, "Qualification of Transient Analysis Methods for BWR Design and Analysis." This is the second of three topical reports prepared by PP&L in support of qualifying our reload design and licensing analysis methods. The first report, which described our Core Physics Methods, has been approved by the NRC (Ref. 1). The third report, which will describe the application of PP&L's Core Physics Methods and Transient Analysis Methods to reload licensing analyses, is scheduled to be submitted to the NRC in March, 1990.

The first reload application of these topicals, once approved, will be in support of Cycle 5 operation of Susquehanna Unit 2. PP&L's proposed license amendment supporting Unit 2 Cycle 5 is scheduled for submittal to NRC in September 1990. NRC approval of PP&L's methods is needed to support a license amendment prior to Unit 2 Cycle 5 startup, which is currently scheduled for May 10, 1991.

Handwritten:
Aool 1/20
Add: WRR Chatterton 1 1
IRm Tech Adv 1 1
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PDR ADOCK 05000387
P PDC



Any questions on this report should be directed to Mr. R. Sgarro at (215) 770-7916. Twenty (20) additional copies of the report are enclosed for your convenience.

Very truly yours,



H. W. Keiser
Sr. Vice President - Nuclear

Enclosures

cc: NRC Document Control Desk (original)
NRC Region I
Mr. G. S. Barber, NRC Sr. Resident Inspector - SSES
Mr. M. C. Thadani, NRC Project Manager - Rockville

