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 BUTLER, W. R. Project Directorate I-2

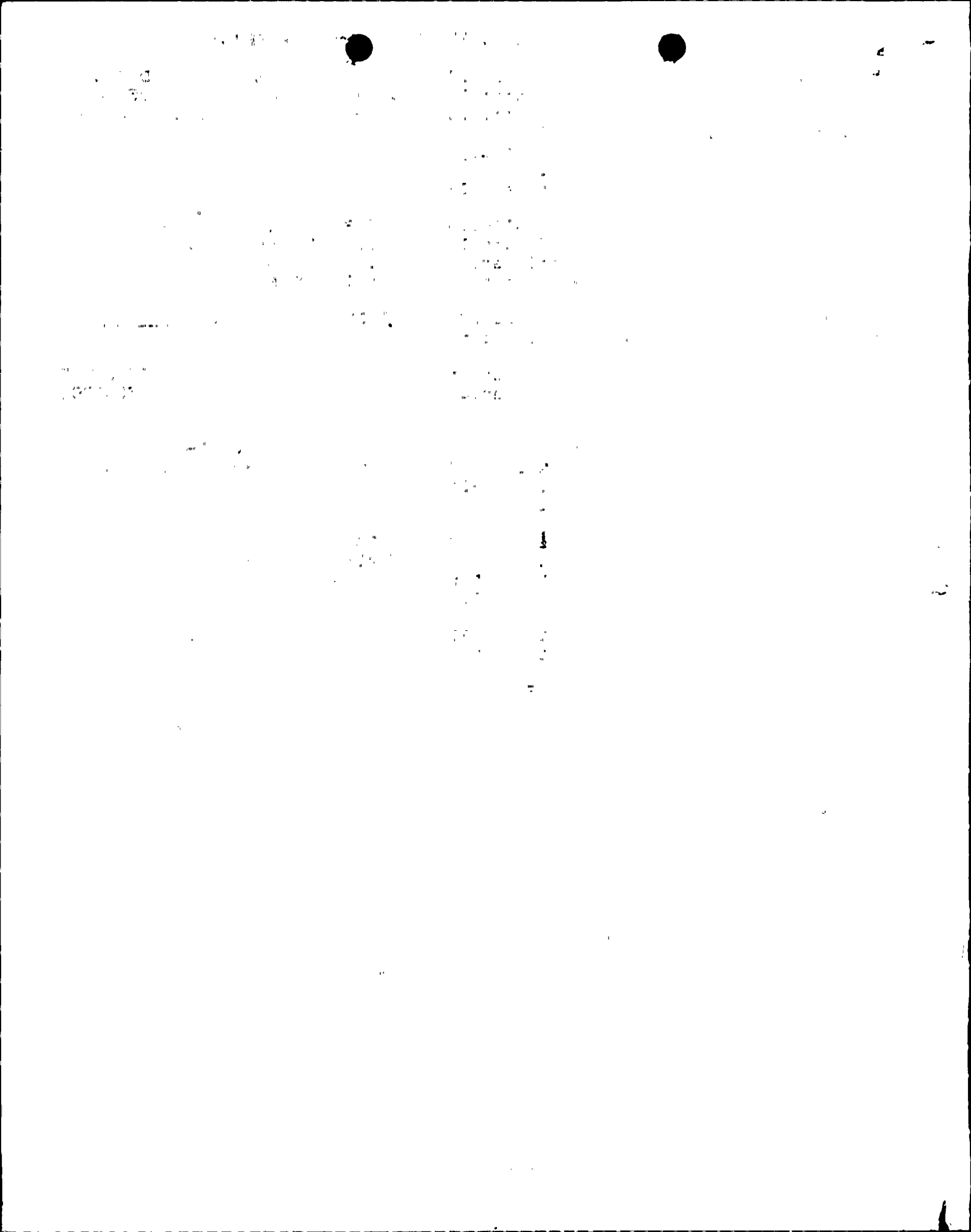
SUBJECT: ^{see root} Forwards PL-NF-87-001, "Qualification of Steady State Core Physics Methods for BWR Design & Analysis," for review & approval. First reload application projected to be in support of Cycle 5 scheduled to begin on 890502. Fee paid.

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Two North Ninth Street • Allentown, PA 18101 • 215/770-5151

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Bruce D. Kenyon
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-87-001
PLA-2841 FILES A17-20, R41-2

Dear Dr. Butler:

The purpose of this letter is to submit for your review and approval the attached topical report PL-NF-87-001 entitled, "Qualification of Steady State Core Physics Methods for BWR Design and Analysis." This report was highlighted to the NRC staff in a briefing held in Bethesda on February 4, 1987.

As was outlined to your staff in the February meeting, this is the first of three topical reports which will be submitted to the NRC this year. The second report will cover the qualification of PP&L's transient analysis methods. The third report describes the use of the steady state core physics and transient analysis methods for reload applications.

The first reload application of these topicals, once approved, is projected to be in support of Cycle 5 of Susquehanna Unit 1, which is currently scheduled to begin on May 2, 1989. Due to the potential impact any changes to the attached topical report could have on our core design and licensing analysis in support of Cycle 5, we request that your approval be granted prior to April 1988.

Any questions on this submittal should be directed to Mr. R. Sgarro at (215) 770-7916. The appropriate application fee for your review is enclosed as are 20 extra copies of the report for your convenience.

Very truly yours,

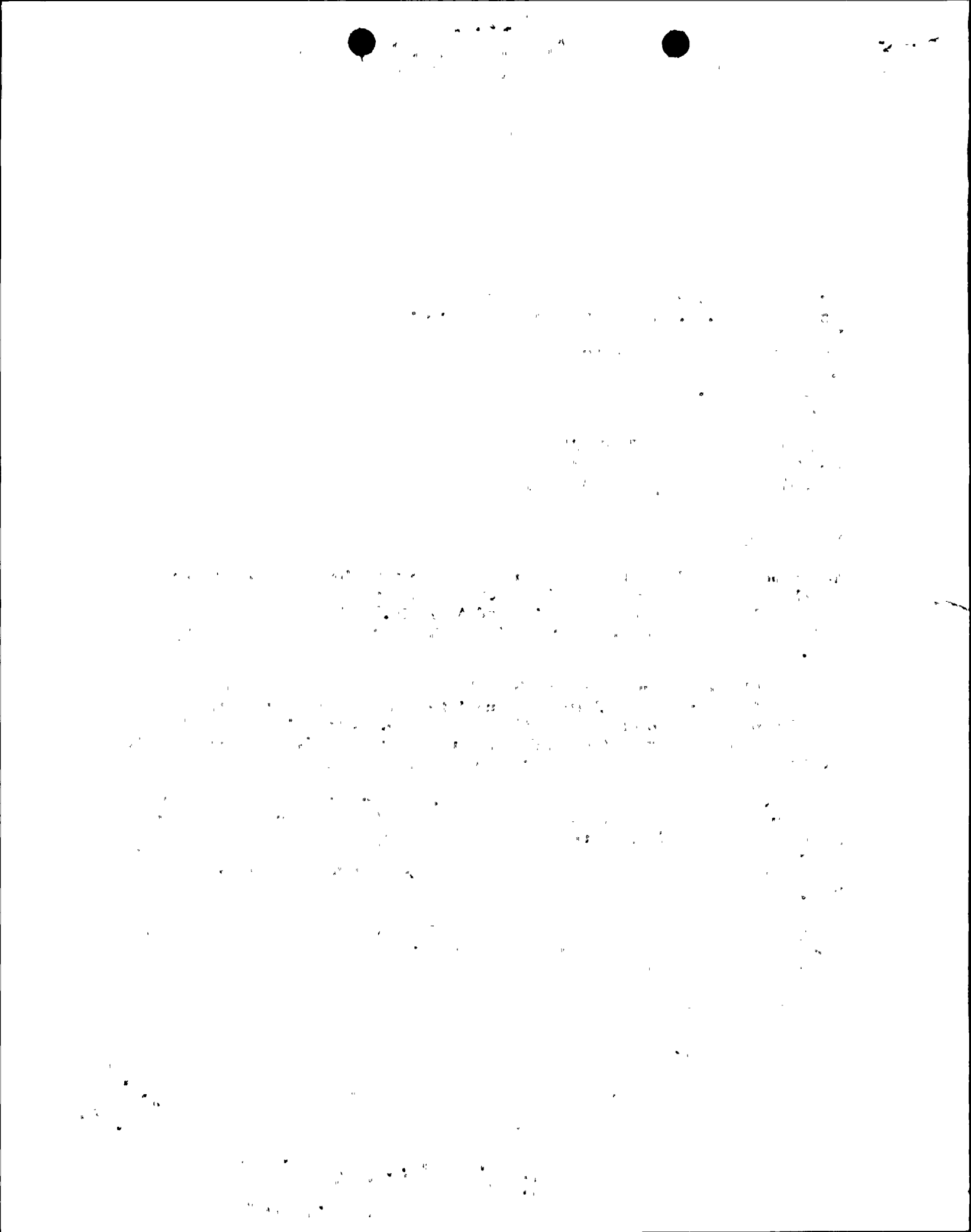
B. D. Kenyon
Senior Vice President - Nuclear

Enclosures

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Mr. M. C. Thadani, NRC Project Manager



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