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RECIP. NAME RECIPIENT AFFILIATION
ADENSAM, E. BWR Project Directorate 3

SUBJECT: Forwards revised application for Proposed Amend 78 to License NPF-14 re use of Exxon fuel assemblies for Cycle 3 reload. Reload summary rept, reload analysis, plant transient analysis & startup physics test summary encl. Fee paid

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Harold W. Keiser
Vice President-Nuclear Operations
215/770-7502

JAN 16 1986

Director of Nuclear Reactor Regulation
Attention: Ms. E. Adensam, Project Director
BWR Project Directorate No. 3
Division of BWR Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
PROPOSED AMENDMENT 78 TO LICENSE NO. NPF-14
ER 100450 FILES 249-01, 841-8
PLA-2585

Dear Ms. Adensam:

The purpose of this letter is to propose changes to the Susquehanna SES Unit 1 Technical Specifications. This amendment is being submitted to allow the use of fuel assemblies designed and manufactured by Exxon Nuclear Company Inc. (ENC) for the ensuing Cycle 3 reload. Changes to the following Technical Specifications are requested:

	Index
3/4.1.2	Reactivity Anomalies
3/4.2.1	Average Planar Linear Heat Generation Rate
3/4.2.2	APRM Setpoints
3/4.2.3	Minimum Critical Power Ratio
3/4.2.4	Linear Heat Generation Rate
B 2.2	Reactor Protection System Instrumentation Setpoints
B 3/4.1.3	Control Rods
B 3/4.1.4	Control Rod Program Controls
B 3/4.2.1	Average Planar Linear Heat Generation Rate
B 3/4.2.2	APRM Setpoints
B 3/4.2.3	Minimum Critical Power Ratio
B 3/4.2.4	Linear Heat Generation Rate

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The following attachments to this letter provide marked up Technical Specifications indicating the proposed changes, the reason for the proposed change and the basis for proposed no significant hazards consideration determination, and the technical analyses supporting these changes:

- Technical Specification Changes
- No Significant Hazards Determination
- Susquehanna SES Unit 1 Cycle 3 Reload Summary Report
- Susquehanna Unit 1 Cycle 3 Reload Analysis (XN-NF-85-132, Rev. 1)
- Susquehanna Unit 1 Cycle 3 Plant Transient Analysis (XN-NF-85-130, Rev. 1)
- Susquehanna SES Unit 1 Cycle 3 Proposed Startup Physics Tests Summary Description

Please note that the attachments describe new LHGR limits proposed for ENC fuel. For your information, PP&L is investigating various options to reduce the operational impact of these new restrictions as was described in a telecon with your staff on January 14, 1986. It is not our intent, however, to treat any subsequent submittal on this issue as a revision to this proposed amendment.

Susquehanna SES Unit 1 is scheduled to be shutdown for the refueling and inspection outage on February 15, 1986 and to restart as early as May 9, 1986. We request that your approval be conditioned to become effective upon startup after this outage.

Any questions with respect to this proposed amendment should be directed to Mr. R. Sgarro at (215) 770-7855. Pursuant to 10CFR170.21, the appropriate fee is enclosed.

Very truly yours,

H. W. Keiser
Vice President-Nuclear Operations

Enclosure

cc: M. J. Campagnone USNRC
R. H. Jacobs USNRC

T. M. Gerusky, Director
Bureau of Radiation Protection
Pennsylvania Dept. of Environmental Resources
P.O. Box 2063
Harrisburg, PA 17120