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Attention: V. S. Boyer, Sr. Vice President Nuclear Power

Gentlemen:

The enclosed status report is the ninth issued for the Independent Design Review of the Limerick Generating Station Unit 1 Core Spray System. This report covers the period September 16, 1984 to September 30, 1984. This is the last status report. The next report issued will be the final report.

A copy of this report is being sent directly to the representative of the U. S. Nuclear Regulatory Commission.

Please call me if you have any questions regarding the contents of this report.

Sincerely,

F. D. Carpenter
Project Manager

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INDEPENDENT DESIGN REVIEW
OF LIMERICK GENERATING STATION #1
CORE SPRAY SYSTEM

Bi-Monthly Status Report #9
Period Ending September 30, 1984

Introduction

This is the ninth bi-monthly status report. This report documents information concerning the independent design review of Limerick's Core Spray System. The work performed covers the period September 16, 1984 to September 30, 1984.

Summary

The four major tasks, A,B,C, and D are complete. The remaining effort involves resolution and classification of six Potential Finding Reports. The Final Report outline was established and details for inclusions in the report are being generated.

On September 17, a conference call from the NRC with PECO and TPT project personnel requested an interim assessment of the IDVP results. This assessment was requested to establish that there is no known basis for any safety concern that could potentially delay the reactor startup program. The assessment was made and reported to the NRC in a letter from TPT dated September 21, 1984.

On September 25 and 26, two NRC representatives visited TPT's facilities to review in detail the Potential Finding Reports. In addition, they queried project personnel about the technical impact on fuel loading and rise to 5% power.

Project personnel involved in the resolution of unclassified PFRs continued to work extended hours to minimize schedule slippage. The Final Report cannot be completed until all PFRs are classified and for those classified as Findings, the corrective action plans reviewed.

TASK E POTENTIAL FINDINGS

With the completion of Task A,B,C,D, this IDVP program resulted in 36 PFRs, of which 30 have been classified. The remaining six are still in the resolution process.

TASK F ADMINISTRATIVE AND REPORTING

This status report will be the last one issued. The next report will be the Final Report.

The projected date of September 21 for resolution and classification of all the remaining PFRs appear now as October 12. This end date is dependent upon the receipt of the original design organization response to PFR number 2524-036. This ODO response is presently scheduled to be received by TPT on October 2 or 3.

The issue date of the final report will depend upon the submittal and review of the corrective action plans for those PFRs classified as findings.

Table I which illustrates the task/milestone status has been updated to reflect revision of milestone dates for items C6, E4, F4, F5, and F6. The new Final Report target date of October 31, 1984 is predicated on receiving, reviewing and accepting corrective action plans by October 16, 1984. The total accumulated hours of effort on this project, as of September 21, 1984, is 6794.3.

October 1, 1984

TABLE I
CORE SPRAY SYSTEM
INDEPENDENT DESIGN REVIEW
TASK/MILESTONE STATUS

Milestone	Subject	Schedule			Document
		Orig	Revised	Actual	
A1	Procedure Checklist	5/30		5/24	2524-PD-1 & 7
A2	Procedure Structure	6/15		7/08	2524-QA-01,05,07,13
A3	Access Design Procedures	6/15		7/06	NA
A4	Bechtel Review	7/05		7/03	TPT:012:FDC:84
A5	PECo/GE Review	7/05		7/05	2524-QA-01, 05, 07
A6	Time-period Procedures	7/10		7/10	2524-QA-12, 14, 15
A7	Task Summary	7/24		7/27	2524-QA-11
B1	Procedure/Checklist	5/30		5/24	2524-PD-2
B2	Document Selection	6/15	7/27	7/27	
B3	Document Location	7/01	7/27	7/27	
B4	Document Review	7/27	9/7	9/13	
B5	Task Summary	8/10	9/14	9/14	2524-QA-21
C1	Procedure/Criteria	5/30		5/30	2524-PD-3
C2	Design Chain	6/08	7/31	7/31	
C3	Feature Selection	Cont		7/14	2524:ENG:02:AS:84
C4	Design Review	8/10	9/7	7/14	
C5	Independent Analysis	7/27	8/24	7/14	
C6	Task Summary	8/17	10/16		
D1	Walkdown Procedure	5/30		5/31	2524-PD-4
D2	Item Selection	6/04		5/29	2524:ENG:03:AS:84
D3	Complete Walkdown	6/27		6/15	
D4	Task Summary	8/10		6/22	2524:ENG:07:CFD:84
E1	Establish Committee	5/30		5/18	Proj.Directive #3
E2	Define Criteria	5/30		5/25	2524-PD-5
E3	Procedure	5/30		5/30	2524-PD-5
E4	Processing PFRs	cont	10/12		
F1	Management/cost	cont			Proj.Directive #1
F2	Protocol Procedure	6/01		6/01	2524-PD-6
F3	Status Report #1	6/01		5/31	TPT:005:FDC:84
	Status Report #2	6/15		6/15	TPT:012:FDC:84
	Status Report #3	7/01		7/02	TPT:018:FDC:84
	Status Report #4	7/15		7/16	TPT:023:FDC:84
	Status Report #5	8/01		8/01	TPT:029:FDC:84
	Status Report #6	8/15		8/15	TPT:034:FDC:84
	Status Report #7	9/04		9/04	TPT:045:FDC:84
	Status Report #8	9/17		9/17	TPT:053:FDC:84
	Status Report #9	10/1		10/01	TPT:058:FDC:84
F4	Information Compilation	8/15	10/16		
F5	Final Report Draft	8/24	10/26		
F6	Final Report-Issue	8/31	10/31		