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DOCDATE: 07/10/78
DATE RCVD: 08/11/78

DOCTYPE: LETTER NOTARIZED: NO
SUBJECT:
CONFIRMING COMMITMENT MADE BY MR. R. PATTERSON (LICENSEE) TO HAVE COLD LIC CANIDATES PARTICIPATE IN A SIMULATOR REFRESHER PROGRAM PRIOR TO FUEL LOADING...W/ATT WESTINGHOUSE SEVEN DAY SIMULATOR PROGRAM FOR SUBJECT FACILITY, STUDENT"S LESSON SCHEDULE.

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PLANT NAME: DIABLO CANYON - UNIT 1
DIABLO CANYON - UNIT 2

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OPERATOR REQULIFICATION PROGRAM
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PACIFIC GAS AND ELECTRIC COMPANY

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F. C. MARKS
DIVISION MANAGER

50-275
323

7/31/78

July 10, 1978

Mr. Paul F. Collins
Chief, Operator Licensing Branch
Division of Project Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Collins:

This letter will confirm the commitment made by Mr. R. Patterson of our staff to have our cold license candidates participate in a simulator refresher program prior to fuel loading.

Our candidates will attend a seven day simulator program at the Westinghouse Zion Nuclear Training Center. A copy of the program is attached for your information. We have tentatively scheduled this additional training for September, 1978. We will keep you advised of any changes in this plan.

Based on the above date we would prefer to take the oral reexaminations in late October, 1978 if that is compatible with your schedule.

Should you have any questions or suggestions on our proposed plans please let us know.

Sincerely,

R. D. Ramsay

R. D. RAMSAY
Plant Superintendent
Diablo Canyon Power Plant
P.O. Box 56
Avila Beach, California 93424
(805) 595-7311

RDR:jr

Attachment

7822300588

M003
1/1

WESTINGHOUSE NUCLEAR TRAINING CENTER
NUCLEAR POWER PLANT TRAINING SIMULATOR
SEVEN DAY SIMULATOR PROGRAM FOR DIABLO CANYON OPERATORS

STUDENT'S LESSON SCHEDULE

DISCUSSION AND OBSERVATION

TRAINING DAY	HOURS	SUBJECT
1	1	INTRODUCTION
		Building access and control
		Evacuation Plan
		Program and schedule
		Training center tour
1	3	CONTROL ROOM AND SYSTEMS FAMILIARIZATION
		Electrical panel
		Turbine-generator
		Feedwater panel
		RCS and CVCS panel
		Safeguards panel

CONTROL ROOM

HOURS	OPERATIONS
3.5	PLANT OPERATION DEMONSTRATION
	Reactor Startup
	CVCS operation
	Feedwater controls
	Turbine-generator operations
	Plant load changes

Note: Both groups are together for the firs full day of training.

DISCUSSION AND OBSERVATION

TRAINING DAY	HOURS	SUBJECT
2	3.5	Review previous day's operations
		Review Diablo Canyon Procedures for Plant Startup from cold to hot shutdown
		Review Steam Dump Operation
		Review RCS Makeup Control System
3	3.5	Review last operations
		Review Diablo Canyon Procedures for Reactor Startup and secondary plant startup
		Calculate Shutdown Margin
		Calculate an ECP

CONTROL ROOM

HOURS	OPERATIONS
	PLANT HEATUP
2	Startup from cold shutdown
	Pressurize RCS for pump startup
2	Commence with RCS at 300°F
	Establish pressurizer bubble
	Continue plant heatup
	REACTOR STARTUPS
2	Establish hot shutdown condition
	Perform reactor startup
	Accomplish 1/M during startup
2	Establish hot shutdown condition
	Perform reactor startup
	Repeat reactor startup

DISCUSSION AND OBSERVATION

TRAINING DAY	HOURS	SUBJECT
4	3.5	Review last operations
		Review Nuclear Instrumentation Systems
		Review Reactor Control - Manual & Automatic
		Review Diablo Canyon Procedures for Power Operations
5	3.5	Review last operations
		Discuss next operations
		Review Diablo Canyon Procedures for plant shutdown from minimum load
		Review RCS Temperature Detection
		Review Pressurizer Level Control

CONTROL ROOM

HOURS	OPERATIONS
4	POWER INCREASE
	Hot shutdown condition
	Perform reactor startup
	Start main feedwater pump
	Increase reactor power to 5
	Roll main turbine to 1800 RPM
	Synchronize generator to network and load towards 100%
2	PLANT SHUTDOWN
	Commence at 30% power
	Reduce power for plant shutdown
	Remove turbine-generator from line
2	POWER INCREASE
	Commence at 5% power
	Proceed to Rated Full Power

DISCUSSION AND OBSERVATION			CONTROL ROOM	
TRAINING DAY	HOURS	SUBJECT	HOURS	OPERATIONS
6	3.5	Review last operations Discuss Diablo Canyon Reactor Trip Procedure Summarize the following Diablo Canyon EOPs: 1. Loss of reactor coolant 2. Main steam line or feedwater line break 3. Steam generator tube failure 4. Malfunction of reactor control system 5. Loss of component cooling 6. Loss of feedwater 7. Loss of reactor coolant pump 8. Emergency boration Review Control & Permissive Interlocks, Reactor Trip Signals, & Safety Injection Signals	4	100% Power Operation Reactor Trip and Recovery ECP and Shutdown Margin Calculation Hot Shutdown Requirements Reactor Startup Secondary Plant Startup
7	3.5	Review last operations Discuss in detail malfunctions of control instrumentation systems	4	Casualty Operations Instrumentation and Control Failures LOCA