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 FACIL: 50-323 Diablo Canyon Nuclear Power Plant, Unit 2, Pacific Ga      05000323  
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 CRANE, P. A.      Pacific Gas & Electric Co.  
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 DENTON, H. R.      Office of Nuclear Reactor Regulation, Director  
 MARTIN, J. B.      Region 5, Office of Director

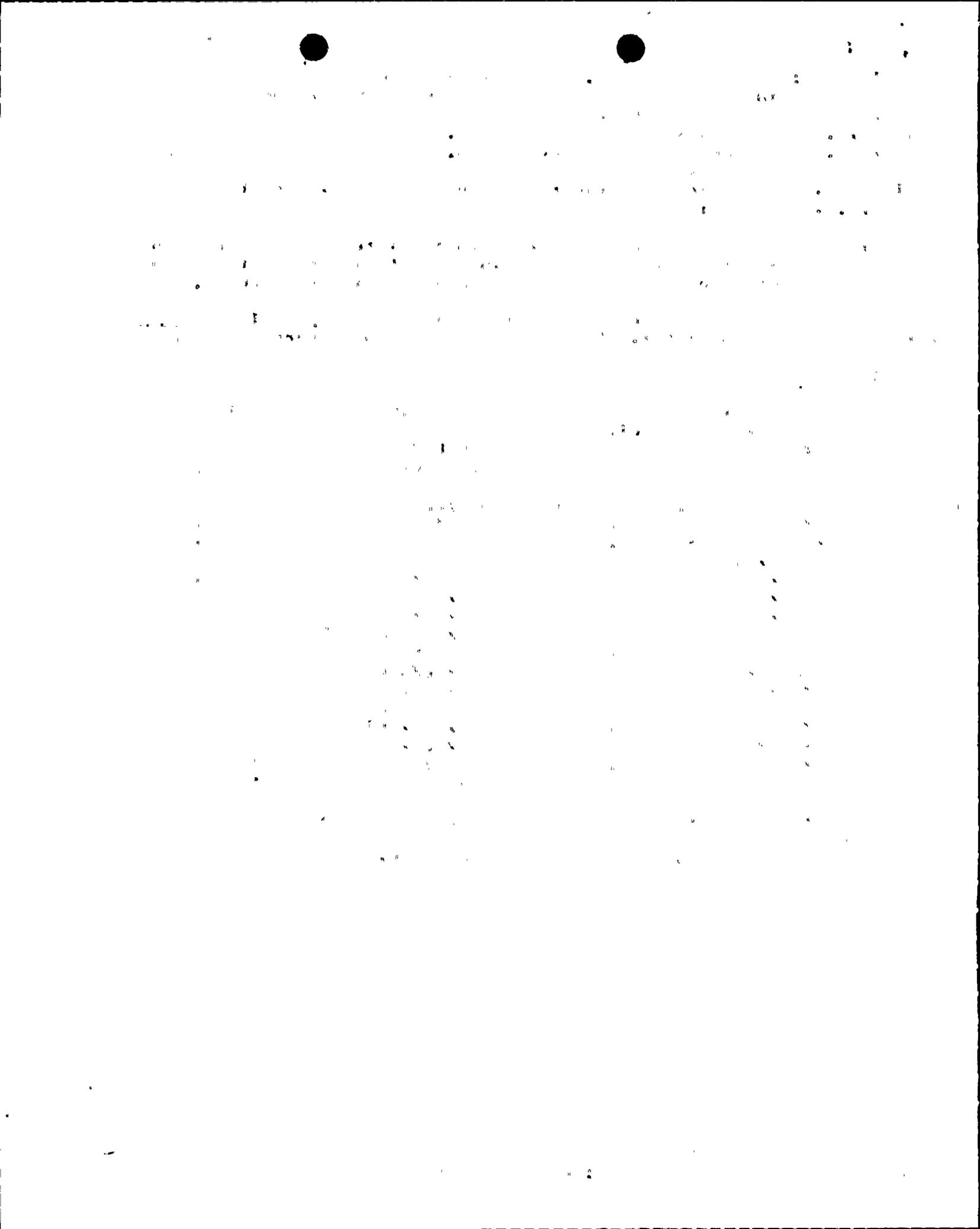
SUBJECT: Advises that all const & preoperational testing required for fuel loading & low power testing essentially complete. Master list of open items keyed to operational milestones encl.

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PACIFIC GAS AND ELECTRIC COMPANY

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JAMES D. SHIFFER  
VICE PRESIDENT  
NUCLEAR POWER GENERATION

April 25, 1985

PGandE Letter No.: DCL-85-168

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Mr. John B. Martin, Regional Administrator  
U. S. Nuclear Regulatory Commission, Region V  
1450 Maria Lane, Suite 210  
Walnut Creek, CA 94596-5368

Re: Docket No. 50-323  
Diablo Canyon Unit 2  
Readiness for Operation

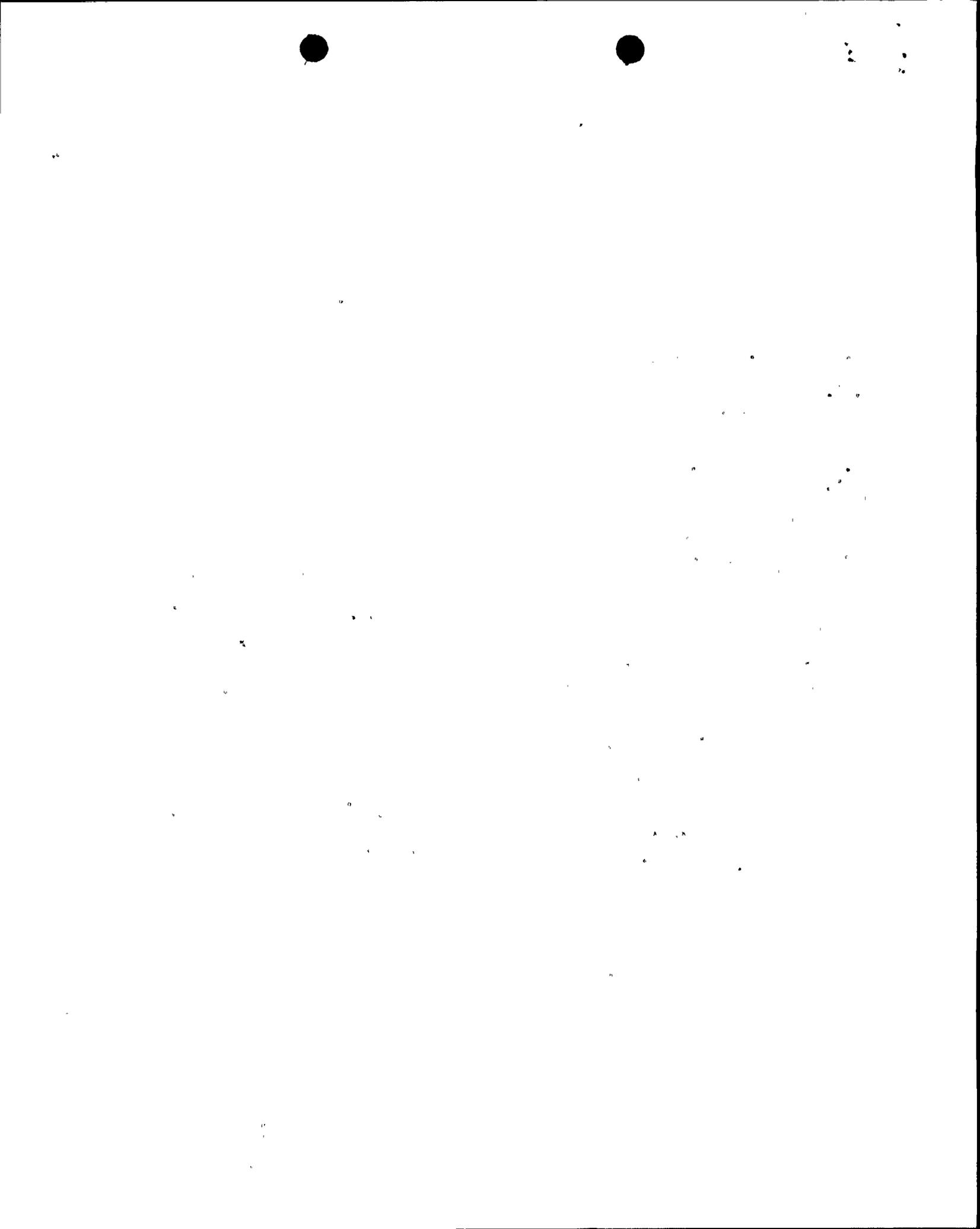
Dear Sirs:

On April 23, 1985 the Nuclear Regulatory Commission authorized issuance of a fuel loading and low power testing license for Diablo Canyon Unit 2. As requested by the Staff, this letter confirms that the design and construction of Diablo Canyon Unit 2 is in accordance with the NRC rules, regulations, and requirements applicable to Unit 2.

Furthermore, all construction and pre-operational testing required for fuel loading and low-power testing are essentially complete. Prior to fuel loading, all systems needed to support low-power operation will be accepted by the plant with one test exception, the turbine driven auxiliary feedwater pump endurance demonstration. A master completion list of open items keyed to operational milestones has been assembled and is being monitored by NRC

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Messrs. Denton and Marti  
PGandE Letter No. DCL-85-168  
April 25, 1985  
Page 2

Region V. A status of completion items requested by the NRC Staff is provided in the enclosure.

Subscribed to in San Francisco, California this 25th day of April, 1985.

Respectfully submitted,

Pacific Gas and Electric Company

By J. D. Shiffer  
J. D. Shiffer  
Vice President  
Nuclear Power Generation

Robert Ohlbach  
Philip A. Crane, Jr.  
Richard F. Locke  
Attorneys for Pacific  
Gas and Electric Company

Subscribed and sworn to before me  
this 25th day of April, 1985

By Philip A. Crane, Jr.  
Philip A. Crane, Jr.

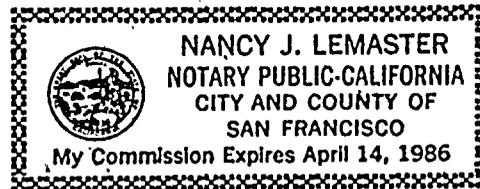
Nancy J. Lemaster  
Nancy J. Lemaster, Notary Public in  
and for the City and County of  
San Francisco, State of California

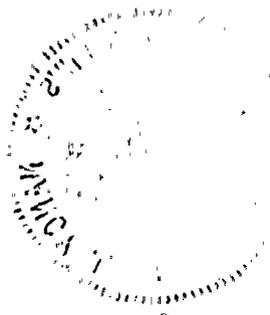


My commission expires April 14, 1986.

Enclosure

cc: R. T. Dodds  
H. E. Schierling  
Service List





1972  
JAMAICA

## ENCLOSURE

ITEM	TOPIC	STATUS
1	Seismic Induced Systems Interaction Program (SISIP)	The SISIP report has been submitted; modifications and final verification walkdown will be completed by fuel load.
2	Equipment Qualification	Modifications are complete.
	o Seismic qualification of reactor coolant pump upper bearing cooler	Modifications are complete.
	o Seismic qualification of spray additive tank	Equipment qualified except two items not commercially available and fission chamber to be installed and calibrated during power ascension.
	o Regulatory Guide 1.97 safety-related equipment	Equipment required to be qualified by 10 CFR 50.49 is qualified.
	o Electrical equipment	
3	Masonry Walls	Modifications for fuel load are complete. Analyses will be complete by first refueling.
4	Generic Letter 83-28	High priority items are complete; a schedule of remaining activities has been submitted and actions are on schedule.
5	Fire Protection	
	o Appendix R modifications	Modifications are complete.
	o Emergency Lighting Walkdown modifications	Modifications are complete.
	o Ruskin Damper modifications	Modifications will be complete by fuel load.



ITEM	TOPIC	STATUS
6	NUREG-0737 Items	All TMI-related requirements have been completed except the small-break LOCA analysis that is pending NRC approval of the model and the turbine-driven AFW pump test to be performed during low power testing.
	o Post Accident Sampling System (PASS)	PASS is operable.
	o Instrumentation for Detection of Inadequate Core Cooling (ICC)	The reactor vessel level indication system (RVLIS) is in place. Final installation and calibration will be completed after fuel loading. Modification of the junction boxes and connector assemblies for the core exit thermocouple system (CETS) is complete. ICC procedures and training are complete.

