



Entergy Nuclear Operations, Inc.  
Pilgrim Nuclear Power Station  
600 Rocky Hill Road  
Plymouth, MA 02360

Michael A. Balduzzi  
Site Vice President

January 25, 2006

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555-0001

SUBJECT: Entergy Nuclear Operations, Inc.  
Pilgrim Nuclear Power Station  
Docket No.: 50-293  
License No.: DPR-35

License Renewal Application Boundary Drawings

REFERENCE: Entergy Nuclear Operations, Inc. letter number 2.06.003,  
License Renewal Application, dated January 25, 2006

LETTER NUMBER: 2.06.004

Dear Sir or Madam:

By the referenced letter, Entergy Nuclear Operations, Inc. submitted the License Renewal Application for Pilgrim Nuclear Power Station. The License Renewal Application references boundary drawings used in the scoping phase of the license renewal project. Please find enclosed a copy of the boundary drawings to aid the Staff in the review of the application.

This letter contains no new commitments.

Please contact Mr. Bryan Ford at (508) 830-8403 if you have any questions regarding this subject.

Sincerely,

A handwritten signature in cursive script that reads "Michael A. Balduzzi".  
Michael A. Balduzzi

DWE/dm

Enclosure: License Renewal Application Boundary Drawings

cc: See Page 2

SISP completed by Kathy Weaver 2/14/06

A119

cc: with Enclosure

Ms. Kathy Weaver, Project Manager  
U.S. Nuclear Regulatory Commission  
Office O-11F1  
11555 Rockville Pike  
Rockville, MD 20852

cc: without Enclosure

Mr. James Shea  
U.S. Nuclear Regulatory Commission  
Office O-8B-1  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852

Mr. Robert Walker, Director  
Massachusetts Department of Public Health  
Radiation Control Program  
90 Washington Street, 2<sup>nd</sup> Floor  
Dorchester, MA 02121

Mr. Jack Strosnider, Director  
Office of Nuclear Material and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-00001

Ms. Cristine McCombs, Director  
Massachusetts Emergency Management Agency  
400 Worcester Road  
Framingham, MA 01702

Mr. Samuel J. Collins, Administrator  
Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Mr. Joseph Rogers  
Commonwealth of Massachusetts  
Assistant Attorney General  
Division Chief, Utilities Division  
1 Ashburton Place  
Boston, MA 02108

NRC Resident Inspector  
Pilgrim Nuclear Power Station  
600 Rocky Hill Road  
Plymouth, MA 02360

Mr. James E. Dyer, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-00001

**Enclosure to**

**Letter Number 2.06.004**

**License Renewal Application Boundary Drawings**

**THIS PAGE IS IN REFERENCE  
TO THE LICENSE RENEWAL  
APPLICATION BOUNDARY  
DRAWINGS FOR PILGRIM  
NUCLEAR POWER STATION**

**DRAWINGS WERE SCANNED,  
ADDED TO ADAMS AND  
INCLUDED IN THE ADAMS  
PACKAGE WITH THE  
TRANSMITTAL LETTER.  
REFERENCE THE SUBSEQUENT  
INDICES IMMEDIATELY  
FOLLOWING THIS  
PAGE/IMAGE**

### PNPS LRA DRAWING LIST

Drawing	Sheet Number	Title	Filename
LRA-200	1	P&ID Legend	lra-m-200-sh-01_e24
	2	P&ID Legend	lra-m-200-sh-02_e26
LRA-203	1	Main Steam System	lra-m-203-sh-01_e44
	3	Main Steam System	lra-m-203-sh-03_e43
LRA-209		Condensate & Demineralized Water Storage & Transfer System	lra-m-209_e65
LRA-210		Air Injection & Off-Gas System	lra-m-210_e65
LRA-212	1	Service Water System	lra-m-212-sh-01_e87
LRA-215	1	Cooling Water System – Reactor Bldg	lra-m-215-sh-01_e50
	2	Cooling Water System – Reactor Bldg	lra-m-215-sh-02_e47
	3	Cooling Water System – Reactor Bldg	lra-m-215-sh-03_e39
	4	Cooling Water System – Reactor Bldg	lra-m-215-sh-04_e45
LRA-218	1	Fire Protection System	lra-m-218-sh-01_e48
	2	Fire Protection System	lra-m-218-sh-02_e45
	3	Fire Protection System	lra-m-218-sh-03_e45
	4	Fire Protection Halon Subsystems	lra-m-218-sh-04_e07
	5	Fire Protection System Deluge System	lra-m-218-sh-05_e04
	6	Fire Protection Deluge System	lra-m-218-sh-06_e01
	7	Fire Protection System	lra-m-218-sh-07_e01
	8	Fire Protection System	lra-m-218-sh-08_e06
	9	Fire Protection System	lra-m-218-sh-09_e02
LRA-219		Diesel Generator Air Start System	lra-m-219_e21
LRA-220	2	Compressed Air System	lra-m-220-sh-02_e30
	3	Compressed Air System Essential Instrument Air	lra-m-220-sh-03_e69
LRA-223		Diesel Oil Storage & Transfer System	lra-m-223_e29
LRA-226	1	Miscellaneous Systems	lra-m-226-sh-01_35
LRA-227	1	Containment Atmospheric Control System	lra-m-227-sh-01_e58
	2	Containment Atmospheric Control System	lra-m-227-sh-02_e48
LRA-231		Fuel Pool Cooling & Demineralizer System	lra-m-231_e37
LRA-232		Radwaste Collection System	lra-m-232_e29
LRA-239	1	H2 & O2 Analyzer & Reactor Coolant Press Boundary Leak Detection Systems	lra-m-239-sh-01_e26
	2	Post Accident Sampling System	lra-m-239-sh-02_e19
LRA-241	1	Residual Heat Removal System	lra-m-241-sh-01_e81
	2	Residual Heat Removal System	lra-m-241-sh-02_e46
LRA-242		Core Spray System	lra-m-242_e50
LRA-243		HPCI System	lra-m-243_e51
LRA-244	1	HPCI System	lra-m-244-sh-01_e30
	2	HPCI System Turbine Lube and Control Oil Subsystem	lra-m-244-sh-02_e09
LRA-245		RCIC System	lra-m-245_e35

Drawing	Sheet Number	Title	Filename
LRA-246	1	RCIC System	lra-m-246-sh-01_e32
	2	RCIC System Turbine Oil Flow	lra-m-246-sh-02_e01
LRA-247		Reactor Water Clean-Up System	lra-m-247_e50
LRA-249		Standby Liquid Control System	lra-m-249_e29
LRA-250	1	Control Rod Drive Hydraulic System	lra-m-250-sh-01_e67
	2	Control Rod Hydraulic System	lra-m-250-sh-02_e16
LRA-251	1	Recirculation Pump A Instrumentation	lra-m-251-sh-01_e16
	2	Recirculation Pump B Instrumentation	lra-m-251-sh-02_e17
LRA-252	1	Nuclear Boiler	lra-m-252-sh-01_e63
	2	Nuclear Boiler	lra-m-252-sh-02_e60
LRA-253	1	Nuclear Boiler Vessel Instrumentation	lra-m-253-sh-01_e42
	2	Nuclear Boiler Vessel Instrumentation	lra-m-253-sh-02_e26
LRA-259		Diesel Generator Turbo Air Assist System	lra-m-259_e10
LRA-264		Station Blackout Diesel Generator Set	lra-m-264_e15
LRA-265		Safety Enhancement Program Diesel Pump Fuel Oil Transfer System	lra-m-265_e03
LRA-271		Emergency Diesel Generator Lube Oil System	lra-m-271_e06
LRA-272		Emergency Diesel Generator Jacket Water Cooling System	lra-m-272_e08
LRA-283		Secondary Containment Isolation Control Diagram	lra-m-283_e09
LRA-286		Heating, Ventilation & Air Conditioning Temperature Control Diagram for Control Rm, Cable Spreading & Computer Room	lra-m-286_e16
LRA-288		Turbine Building Air Flow Diagram	lra-m-288_e14
LRA-289		Reactor Building Air Flow Diagram	lra-m-289_e17
LRA-292		Control & Cable Spreading Room, Intake Structure, Access Control, Warehouse & Machine Shop-Air Flow Diagrams	lra-m-292_e29
LRA-294		Heating Ventilation & Air Conditioning Standby Gas Treatment System Control Diagram	lra-m-294_e26
LRA-67-96		Diesel Generators Ventilation Systems	lra-m-67-96_e07