



June 2, 2015
AREVA-15-01510

Ms. Tekia Govan, Project Manager, Mail Stop O-13COSM
U.S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike,
Rockville, MD 20852

Subject: Flood Hazard Reevaluation for Pilgrim Nuclear Power Station

Dear Ms. Govan :

Enclosed please find two (2) computer hard drives containing the following input/output files for Pilgrim Nuclear Power Station:

Calculation No.	Title	Input/Output Files
32-9226914-000	Pilgrim Nuclear Power Station – Local Intense Precipitation	<ul style="list-style-type: none">• FLO2D Input/Output• Excel spreadsheet for LIP hyetographs
51-9226922-000	Pilgrim Nuclear Power Station Flooding Hazard Re-Evaluation – Screening for Probable Maximum Flood	No files associated with this report.
32-9226919-001	Pilgrim Nuclear Power Station Flooding Hazard Re- Evaluation – Probable Maximum Storm Surge	<ul style="list-style-type: none">• SLOSH Input/Output• ADCIRC Input/Output• ADCIRC+SWAN Input/Output• Spreadsheet associated with the Antecedent Water Level Calculation• FORTRAN Script• Spreadsheet used to initialize SLOSH wind field• MATLAB files associated with grid interpolation• Files supporting model validation
51-9226926-000	Pilgrim Nuclear Power Station Flooding Hazard Re-Evaluation – Screening for Seiche	No files associated with this report.
32-9226726-000	Pilgrim Nuclear Power Station Flooding Hazard Re-	<ul style="list-style-type: none">• Supporting Spreadsheets for PMWS Wind Field

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Calculation No.	Title	Input/Output Files
	Evaluation – Probable Maximum Hurricane/Probable Maximum Wind Storm	and Forward Speed <ul style="list-style-type: none"> Supporting Spreadsheets for Tide Gage Data Summary Electronic documents, codes, and data pertaining to the Pilgrim (PNPS) analysis.
32-9226937-000	Pilgrim Nuclear Power Station Flooding Hazard Re-Evaluation-Combined Events	<ul style="list-style-type: none"> ADCIRC+SWAN SWAN Python Script Certification Excel spreadsheets for wave height, wave runup, and loading calculations
51-9226934-000	Pilgrim Nuclear Power Station Flooding Hazard Re-Evaluation – Screening for Tsunami	No files associated with this report.
51-9226930-000	Pilgrim Nuclear Power Station Flooding Hazard Re-Evaluation – Screening for Channel Diversion	No files associated with this report.
51-9226932-000	Pilgrim Nuclear Power Station Flooding Hazard Re-Evaluation – Screening for Ice Induced Flooding	No files associated with this report.
51-9226924-000	Pilgrim Nuclear Power Station Flooding Hazard-Re-Evaluation-Screening for Dam Failures	No files associated with this report.
38-9226913-000	*PNPS Mapping Deliveries and Critical Structures CAD Files	Files, including CAD files, associated with the site specific survey.

*CAD files have been added as a separate item

If you have any questions, please don't hesitate to contact me at (508)573-6634.

Sincerely,



Cynthia A. Fasano
Advisory Engineer
AREVA Inc.

Enclosures

Cc: Entergy:
Don Bentley
Fred Mogolesko

AREVA:
Stacy Thomson
Records (T1.2 – F.502241)