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**Logan, Dennis**

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**From:** Eccleston, Charles  
**Sent:** Friday, March 12, 2010 5:44 PM  
**To:** Bacuta, George; Beissel, Dennis; Bulavinetz, Richard; Imboden, Andy; Klementowicz, Stephen; Logan, Dennis; Rikhoff, Jeffrey; Travers, Allison; Pham, Bo; Eccleston, Charles  
**Subject:** Salem/Hope Site Audit Informational Needs List  
**Attachments:** RAI Information Requests.docx

IDT,

Attached is the information requirements list that was generated from the Salem/Hope Creek environmental site audit. This is the final list that Bobbie was maintaining as we worked through the site audit. The items highlighted in yellow were new items that the Applicant will need to obtain. Please review this list for accuracy, any additions, and any information that needs to be requested which isnt already on this list. I need any changes back to be by COB Thursday 18th.

*Charles H. Eccleston*

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## Salem/Hope Creek Information Requests

<b>General</b>	
GEN-4	Attachment associated with Attachment 5 <ul style="list-style-type: none"> <li>- Response from Herbert Lord 6/25/08</li> <li>- NJPDES response to ER submittal 1/10</li> </ul>
GEN-5	Attachment associated with Attachment 1 <ul style="list-style-type: none"> <li>- b) – Title V Permit Application</li> </ul> Attachments associated with Attachment 3 (a – c) <ul style="list-style-type: none"> <li>- a) New Jersey Waterfront Development Permit</li> <li>- b) USACOE Nationwide Permit NWP 3</li> <li>- c) USACOE Permit CENAP-OP-R-2006-6232 (dredging for the Hope Creek barge slip)</li> </ul> Attachment associated with Attachment 4 <ul style="list-style-type: none"> <li>- b) NJ Permit 2216P Renewal Application</li> </ul> Attachment associated with Attachment 5 <ul style="list-style-type: none"> <li>- Hope Creek 2003 NJPDES Permit (with 2005 modification included)</li> </ul>
GEN-6	<ul style="list-style-type: none"> <li>- The following NJPDES factsheets were referenced in an ER reference: 1996 NJ002511, 2002 NJ002511, 1993 NJ0005622, and NJ0005622.</li> <li>- Salem 1993 NJPDES Publication Notice, dated 6/24/93</li> <li>- HC 1996 Draft Permit Dated 10/96</li> </ul>
GEN-9	The following documents were available during the site audit. Please provide copies. <ul style="list-style-type: none"> <li>o Discharge Prevention and Response Program (January 29, 2008) <ul style="list-style-type: none"> <li>▪ Part I: Introduction/Certification b-</li> <li>▪ Part II: Spill/Discharge Prevention Plan</li> <li>▪ Part III: Spills/Discharge Response Plan</li> <li>▪ Part IV: Environmentally Sensitive Areas protection Plan</li> </ul> </li> <li>o Stormwater Pollution Prevention Plan (January 29, 2008)</li> <li>o Pollution Minimization Plan for PCBs (January 2008)</li> </ul>
MISC and ENV-90	Copy of maps provided to Rich Bulavinetz <ul style="list-style-type: none"> <li>- License Renewal Environmental Report – Site Flood Data Map</li> <li>- License Renewal Environmental Report – Vicinity Flood Data Map</li> <li>- Please provide the figure titled "1-mile vicinity map" for the site, with the 100 year flood plain added to the map.</li> </ul>
<b>Socioeconomics</b>	
LUS-1 (GEN-2)	Salem County Tax Maps
LUS-2	Distance from reactor buildings to site boundary, including schematic drawing
LUS-4	Update of 2003 to 2007 property tax data Note: Corrected ER Table 2.7-1 and text will be submitted to NRC very

	soon for both ERs
LUS-6	Updated Table 2.6-2 from both ERs (residential distribution of employees for Salem and HCGS)
LUS-9	LUS-9 response sheet
LUS-10	FAA permit evaluations, with data on height of structures (this currently does not include item #2 that is listed as business confidential)
LUS-11	Report on local subsistence consumption behavior patterns
LUS-12	Information on current or past wildlife sampling and testing of game animals such as deer, squirrel, turkey, etc. In addition, include Excerpted pages of REMP reports
No LUS #	Number and residence information for corporate and matrix employees (identified separately)
<b>Cultural Resources</b>	
PSEG-1	Submerged Cultural Resources Survey of a Proposed Barge Facility and Water Intake ..... Panamerican Consultants, Inc, 12/09 Report of Phase I Archaeological Survey for Selected Portions of Two Access Road Alternatives ..... Sargent & Lundy, LLC, 12/09
<b>Health Physics</b>	
HP-4/ENV-86	Provide 2009 Radiological Environmental Operating Report and Annual Radiological Effluent Release Report directly to the NRC PM in parallel with submission to the NRC through normal channels to avoid time delays in waiting for the document to be posted in ADAMS.
EVN-84	Copy of response sheet with answer to question
ENV-88	Have the sites had any noticeable increase of tritium in the overall effluent stream as a result of the groundwater recovery system and is the tritium measurable within the overall effluent?
	Please provide information (referencable sources) on plant-related gamma emitting radionuclides identified in the subsurface soils associated with the Salem spent fuel pool leak or other systems at Salem and HCGS that are not designed for such releases. Information should include sample locations, depths, and concentrations.
<b>Ecology</b>	
ECO-1	List of Attachments: <ul style="list-style-type: none"> <li>- 1 (c) – Representative Important Species for 1999 Appendix F</li> <li>- 1 (e) – Description of aquatic community from Section 3 of 2006 Application</li> <li>- 2 (a) and (b) – NRC/NMFS letters regarding EFH dated 6-14-07 and 7-13-07</li> </ul>
ECO-2	List of Attachments: <ul style="list-style-type: none"> <li>- 2 – Biological Inventory and Habitat Characterization Report for the Alloway Creek Site</li> </ul>
ECO-3	List of Attachments: <ul style="list-style-type: none"> <li>- 1 (b), (c), and (d) – ACW Management Plan, 2008 ACW Site Status</li> </ul>

	<p>Report, and ACW Color Figures</p> <ul style="list-style-type: none"> <li>- 2 (a), (b), and (c) – Map of Land Cover at Salem and Hope Creek, Map of Land Cover with transmission lane ROWs superimposed, and Metadata for maps</li> </ul>
ECO-4	<p>2009 Biological Monitoring Report (June, 2010)</p> <p>List of Attachments:</p> <ul style="list-style-type: none"> <li>- 1 – 2008 Biological Monitoring Report</li> </ul>
ECO-6	<p>List of Attachments:</p> <ul style="list-style-type: none"> <li>- 1 – 1994 Biological Monitoring Work Plan</li> <li>- 2 – 2006 Improved Biological Monitoring Work Plan</li> </ul>
ECO-7	<p>List of Attachments:</p> <ul style="list-style-type: none"> <li>- 1 – USFWS letter dated 9-9-09</li> </ul>
ECO-8	<p>List of Attachments:</p> <ul style="list-style-type: none"> <li>- 1 – CD containing GIS shape files</li> </ul>
ECO-13	<p>List of Attachments:</p> <ul style="list-style-type: none"> <li>- 2, 3, 4, 5, and 6 – Bird Impact Procedure, Bird Impact Reports (1984, 1985, and 1986), and Bird Impact Study Termination</li> </ul>
	<p>March 2009 Letter regarding Geiger Screens</p>
	<p>PSEG comments on 2000 Draft NJPDES permit</p>
	<p>1999 NPDES Permit Application Vol 10-13, Appendix E and Vol 14-15, Appendix F ... found on shelf</p>
	<p>Copy of Ecosystem Restoration Program Presentation 3/10/10</p>
ENV-94 Transmission Lines	<p>What spans have Swamp Pink and Bog Turtle? Provide NRC with Environmental Compliance Matrix. Provide map identifying habitat regions along all three transmission rows from SHC to New Freedom switchyard. Additionally, provide text description of each habitat type. Page 3-13/14 of the ER. Clarify description of HC New Freedom North and Salem New Freedom North descriptions (first two bullet items).</p>
Transmission Lines	<p>In the ERs Sec 4-13, for Salem and Hope Creek, owner/operators of the transmission lines conduct aerial and ground surveillance and maintenance to ensure design ground clearances do not change. How often are ground and/or aerial surveillance and maintenance undertaken?</p>
Transmission Lines	<p>Need Revisions to Section 3.1.6 of the ER (Transmission System), and Table 3.1-4</p> <ul style="list-style-type: none"> <li>- Text describing the lines needs to be revised to accurately reflect the names of the lines within each ROW and their lengths</li> <li>- Text describing the Salem-Keeney ROW</li> </ul>
<p><b>Threatened and Endangered Species</b></p>	
PSEG-3	<p>List of Attachments:</p> <ul style="list-style-type: none"> <li>- 1, 2, 3, 4, 5, 7, 8, 9, and 10 – NMFS BO May 1993, NMFS Incident Take Statement 1999, Sea Turtle Summary List, Shortnose Sturgeon Summary List, Atlantic Sturgeon summary list, Procedure</li> </ul>

	EN-AA-601-001, Procedure EN-AA-603, Procedure EN-AA-603-0001, and Baywide Abundance Monitoring Program
PSEG-4	List of Attachments: <ul style="list-style-type: none"> <li>- 2 (b), (c), (d), (e), (f), and I – Letter to NJDEP and USFWS (10/28/09 and 10/23/09, Letter from USFWS on 11/04/09, Pinelands Management Plan, Management Matrix for Salem-New Freedom Line, and letter to NJDEP on 2/7/10</li> <li>- 4 (b) and (d) – Environmental Permitting Manual and Transmission Vegetation Management Program</li> </ul>
<b>Water/Groundwater</b>	
WTR-1	Information on Salem Unit 3
WTR-5	Private Water Diversion Reports for 1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> , and 4 <sup>th</sup> Qtr 2009
WTR-9	NPDES non-compliance reports
WTR-10	Corrected REMP Pages
Salem NJPDES Permit Application Shelf	Salem NJPDES Permit Renewal Application, dated 2/1/06 <ul style="list-style-type: none"> <li>- Section 6, AIT, Vol 7 of 14</li> <li>- Attachment 6-9, Vol 10 of 14</li> <li>- Attachment 6-10, Vol 11 of 14</li> </ul>
ENV-91	NEI RGGP inspection (TI) Report
ENV-92	Copy of Most recently available Diesel Fuel Oil remediation report Copy of Diesel Fuel Oil remediation action work plan
<b>Waste</b>	
WST-1	Please submit 2009, 2008, and 2007 Nuclear Non Hazardous Waste volume tables as presented as WST-1 as an internal document.
WST-2	Please submit the 2009 and 2007 biennial Hazardous Waste Reports and memoranda (HCH-2010-019 and HCH-2009-062) describing 2008 and 2009 Waste Generator Status (WST-2).
<b>Air</b>	
ENV-79	Information (preferable graphed) showing Total Air Emissions compared to Co2 equivalents. This would be similar to the graph shown to Bacuta on 3/8/10 demonstrating (Total pwr generation electric and SOX & NOX trends) He wants to show the trends w/climate changes and be able to talk to green house gas issues.
<b>Alternatives</b>	
	Information on distance to natural gas pipeline to support analysis of natural gas alternative