

## **PMLevyCOLPEm Resource**

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**From:** Anderson, Brian  
**Sent:** Friday, June 19, 2009 3:16 PM  
**To:** robert.kitchen@pgnmail.com; david.waters@pgnmail.com; tillie.wilkins@pgnmail.com;  
PMLevyCOLPEm Resource  
**Subject:** Levy County Units 1 and 2 RAI Status  
**Attachments:** LNP RAI Status 6-19-09.xls; Levy County RAI letter index.doc  
**Importance:** High

Bob,

Attached are the current RAI letter index and a table of all open RAIs related to the Levy County Units 1 and 2 review.

If you have any questions, please let me know.

Brian

Brian Anderson  
301-415-9967  
Lead Project Manager, AP1000 Projects Branch 1  
Office of New Reactors  
U.S. Nuclear Regulatory Commission

**Hearing Identifier:** Levy\_County\_COL\_Public  
**Email Number:** 199

**Mail Envelope Properties** (CB87FC66F95637428C5E0D066E756B6FC0406CB042)

**Subject:** Levy County Units 1 and 2 RAI Status  
**Sent Date:** 6/19/2009 3:15:55 PM  
**Received Date:** 6/19/2009 3:15:59 PM  
**From:** Anderson, Brian

**Created By:** Brian.Anderson@nrc.gov

**Recipients:**

"robert.kitchen@pgnmail.com" <robert.kitchen@pgnmail.com>  
Tracking Status: None  
"david.waters@pgnmail.com" <david.waters@pgnmail.com>  
Tracking Status: None  
"tillie.wilkins@pgnmail.com" <tillie.wilkins@pgnmail.com>  
Tracking Status: None  
"PMLevyCOLPEm Resource" <PMLevyCOLPEm.Resource@nrc.gov>  
Tracking Status: None

**Post Office:** HQCLSTR01.nrc.gov

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	361	6/19/2009 3:15:59 PM
LNP RAI Status 6-19-09.xls	25082	
Levy County RAI letter index.doc	140282	

**Options**

**Priority:** High  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**

Title

RAI 1261  
RAI 1399  
RAI 1402  
RAI 1413  
RAI 1422  
RAI 1601  
RAI 1629  
RAI 1674  
RAI 1759  
RAI 1811  
RAI 1886  
RAI 1887  
RAI 1892  
RAI 1893  
RAI 1894  
RAI 1895  
RAI 1896  
RAI 1914  
RAI 1957  
RAI 1974  
RAI 1986  
RAI 2099  
RAI 2148  
RAI 2149  
RAI 2150  
RAI 2151  
RAI 2152  
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RAI 2164  
RAI 2183  
RAI 2226  
RAI 2229  
RAI 2244  
RAI 2251  
RAI 2285  
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RAI 2298  
RAI 2316  
RAI 2318  
RAI 2368  
RAI 2405  
RAI 2408  
RAI 2474  
RAI 2481  
RAI 2485

RAI 2486  
RAI 2487  
RAI 2495  
RAI 2514  
RAI 2516  
RAI 2609  
RAI 2775  
RAI 2827  
RAI 2832  
RAI 2839  
RAI 2865  
RAI 2878  
RAI 2925  
RAI 2987  
RAI 3010  
RAI 3011

Technical Branch

Siting and Accident Conseq Branch (RSAC)  
Geosciences and Geotechnical Engineering Branch 1 (RGS1)  
Geosciences and Geotechnical Engineering Branch 1 (RGS1)  
Geosciences and Geotechnical Engineering Branch 1 (RGS1)  
Structural Engineering Branch 1 (AP1000/EPR Projects) (SEB1)  
Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)  
Quality and Vendor Branch 1 (AP1000/EPR Projects) (CQVP)  
Quality and Vendor Branch 1 (AP1000/EPR Projects) (CQVP)  
Instrumentation, Controls and Electrical Engineering 1 (AP1000/EPR Projects) (ICE1)  
Licensing and Inspection Branch (NSIR/DPR/LIB) (EP)  
Fire Protection Team (SFPT)  
Fire Protection Team (SFPT)  
Siting and Accident Conseq Branch (RSAC)  
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Siting and Accident Conseq Branch (RSAC)  
Quality and Vendor Branch 1 (AP1000/EPR Projects) (CQVP)  
Siting and Accident Conseq Branch (RSAC)  
Containment and Ventilation Branch 2 (ESBWR/ABWR Projects) (SBCV)  
Geosciences and Geotechnical Engineering Branch 1 (RGS1)  
Geosciences and Geotechnical Engineering Branch 1 (RGS1)  
Health Physics Branch (CHPB)  
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Health Physics Branch (CHPB)  
Hydrologic Engineering Branch (RHEB)  
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Hydrologic Engineering Branch (RHEB)  
Instrumentation, Controls and Electrical Engineering 1 (AP1000/EPR Projects) (ICE1)  
AP1000 Projects Branch 1 (NWE1)  
Geosciences and Geotechnical Engineering Branch 1 (RGS1)  
Licensing and Inspection Branch (NSIR/DPR/LIB) (EP)  
Geosciences and Geotechnical Engineering Branch 2 (RGS2)  
Operating Licensing and Human Performance Branch (AP1000/EPR Projects) (COLP)  
Operating Licensing and Human Performance Branch (AP1000/EPR Projects) (COLP)  
Operating Licensing and Human Performance Branch (AP1000/EPR Projects) (COLP)  
Structural Engineering Branch 1 (AP1000/EPR Projects) (SEB1)  
Health Physics Branch (CHPB)  
Licensing and Inspection Branch (NSIR/DPR/LIB) (EP)  
Licensing and Inspection Branch (NSIR/DPR/LIB) (EP)  
Geosciences and Geotechnical Engineering Branch 2 (RGS2)  
Electrical Engineering Branch (EEB)  
Electrical Engineering Branch (EEB)

Electrical Engineering Branch (EEB)  
Electrical Engineering Branch (EEB)  
Geosciences and Geotechnical Engineering Branch 1 (RGS1)  
Geosciences and Geotechnical Engineering Branch 2 (RGS2)  
Geosciences and Geotechnical Engineering Branch 2 (RGS2)  
PRA Licensing, Operations Support and Maintenance Branch 1 (AP1000/EPR Projects) (SPLA)  
Structural Engineering Branch 1 (AP1000/EPR Projects) (SEB1)  
Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)  
Balance of Plant Branch 2 (ESBWR/ABWR) (SBPB)  
Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)  
Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)  
Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)  
Structural Engineering Branch 1 (AP1000/EPR Projects) (SEB1)  
Structural Engineering Branch 1 (AP1000/EPR Projects) (SEB1)  
Siting and Accident Conseq Branch (RSAC)  
Siting and Accident Conseq Branch (RSAC)

SRP Section

- 15.00.03 - Design Basis Accidents Radiological Consequence Analyses for Advanced Light Water Reactors
- 02.05.01 - Basic Geologic and Seismic Information
- 02.05.02 - Vibratory Ground Motion
- 02.05.04 - Stability of Subsurface Materials and Foundations
- 03.08.05 - Foundations
- 10.04.06 - Condensate Cleanup System
- 14.02 - Initial Plant Test Program - Design Certification and New License Applicants
- 14.02 - Initial Plant Test Program - Design Certification and New License Applicants
- 07.05 - Information Systems Important to Safety
- 13.03 - Emergency Planning
- 09.05.01 - Fire Protection Program
- 09.05.01 - Fire Protection Program
- 02.03.01 - Regional Climatology
- 02.03.02 - Local Meteorology
- 02.03.03 - Onsite Meteorological Measurements Programs
- 02.03.04 - Short Term Atmospheric Dispersion Estimates for Accident Releases
- 02.03.05 - Long-Term Atmospheric Dispersion Estimates for Routine Releases
- 17.5 - Quality Assurance Program Description - Design Certification, Early Site Permit and New License Applicant
- 02.02.01-02.02.02 - Identification of Potential Hazards in Site Vicinity
- 06.04 - Control Room Habitability System
- 02.05.04 - Stability of Subsurface Materials and Foundations
- 02.05.04 - Stability of Subsurface Materials and Foundations
- 02.04.13 - Accidental Releases of Radioactive Liquid Effluents in Ground and Surface Waters
- 11.02 - Liquid Waste Management System
- 11.02 - Liquid Waste Management System
- 11.02 - Liquid Waste Management System
- 11.03 - Gaseous Waste Management System
- 02.04.01 - Hydrologic Description
- 02.04.02 - Floods
- 02.04.03 - Probable Maximum Flood (PMF) on Streams and Rivers
- 02.04.04 - Potential Dam Failures
- 02.04.05 - Probable Maximum Surge and Seiche Flooding
- 02.04.06 - Probable Maximum Tsunami Flooding
- 02.04.12 - Groundwater
- 02.04.13 - Accidental Releases of Radioactive Liquid Effluents in Ground and Surface Waters
- 09.05.02 - Communications Systems
- 01 - Introduction and Interfaces
- 02.05.04 - Stability of Subsurface Materials and Foundations
- 13.03 - Emergency Planning
- 02.05.02 - Vibratory Ground Motion
- 13.01.01 - Management and Technical Support Organization
- 13.01.02-13.01.03 - Operating Organization
- 13.05.01.01 - Administrative Procedures - General
- 03.07.01 - Seismic Design Parameters
- 12.03-12.04 - Radiation Protection Design Features
- 13.03 - Emergency Planning
- 14.03.10 - Emergency Planning - Inspections, Tests, Analyses, and Acceptance Criteria
- 02.05.02 - Vibratory Ground Motion
- 08.01 - Electric Power - Introduction
- 08.02 - Offsite Power System

08.03.01 - AC Power Systems (Onsite)  
14.02 - Initial Plant Test Program - Design Certification and New License Applicants  
02.05.04 - Stability of Subsurface Materials and Foundations  
02.05.01 - Basic Geologic and Seismic Information  
02.05.03 - Surface Faulting  
19 - Probabilistic Risk Assessment and Severe Accident Evaluation  
03.03.01 - Wind Loading  
09.02.01 - Station Service Water System  
09.03.03 - Equipment and Floor Drainage System  
10.04.05 - Circulating Water System  
09.02.02 - Reactor Auxiliary Cooling Water Systems  
09.02.01 - Station Service Water System  
03.08.05 - Foundations  
14.03.02 - Structural and Systems Engineering - Inspections, Tests, Analyses, and Acceptance Criteria  
02.03.01 - Regional Climatology  
02.03.03 - Onsite Meteorological Measurements Programs



State

In Evaluation

In Evaluation

In Evaluation

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In Evaluation

Issued/Waiting for Response

Pending Review

Issued/Waiting for Response

In Evaluation

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Issued/Waiting for Response  
In Final Review  
Issued/Waiting for Response  
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In Final Review  
Issued/Waiting for Response  
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Issued/Waiting for Response  
Issued/Waiting for Response  
In Final Review  
In Final Review  
In Final Review

**Levy County Units 1 & 2 RAI Letter (E-mail) Index**  
**(Levy County COLA – ML082260277)**

Letter Number	eRAI Tracking Number(s)	Letter (E-mail) Author	ML Number	Date issued	Release Date	Response Due within xx days and due date	Response Date	Response ML number and comments
000 (AR letter)	1399, 1402, 1413, 1422	Anderson	ML082760222	10/6/08	10/12/08	-	11/20/08	RAIs provided in docketing letter; ML083460251
001	1261	Joshi	ML083300112	11/25/08	12/01/08	30 days 12/26/08	12/19/08	ML083590246
002	1601	Anderson	ML083300140	11/25/08	12/01/08	30 days 12/25/08	12/16/08	ML083540420
003	1759	Simms	ML083470374	12/12/08	12/18/08	30 days 1/11/09	1/12/09 2/2/09 4/13/09	ML090150212 ML090370447 (sup); ML091070494 (sup);
004	1674	Comar	ML083640462	12/29/08	1/5/09	30 days 2/03/09	1/23/09	ML090291010
005	1629	Comar	ML083640520	12/29/08	1/5/09	30 days 2/03/09	1/23/09	ML090291012
006	1886	Simms	ML090220311	1/22/09	1/28/09	30 days 2/23/09	2/19/09	ML090550910
007	1887	Simms	ML090220321	1/22/09	1/28/09	30 days 2/23/09	2/19/09	ML090550912
008	1974	Joshi	ML090340441	2/3/09	2/9/09	30 days 3/6/09	3/2/09	ML090640914
009	1986	Anderson	ML090550658	2/24/09	3/2/09	30 days 3/26/09	4/6/09	ML090980269
010	1914	Comar	ML090580609	2/27/09	3/6/09	30 days 3/31/09	3/31/09	ML090970104
011	1893	Anderson	ML090620466	3/3/09	3/9/09	30 days 4/2/09	4/1/09	ML090960348
012	2149	Anderson	ML090620467	3/3/09	3/9/09	30 days 4/2/09	4/1/09	ML090930718
013	2150	Anderson	ML090620495	3/3/09	3/9/09	30 days 4/2/09	4/1/09	ML090960342
014	2151	Anderson	ML090620496	3/3/09	3/9/09	30 days 4/2/09	4/1/09 5/28/09	ML090960351 ML091530134 (revised)

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Letter Number	eRAI Tracking Number(s)	Letter (E-mail) Author	ML Number	Date issued	Release Date	Response Due within xx days and due date	Response Date	Response ML number and comments
015	2152	Anderson	ML090620497	3/3/09	3/9/09	30 days 4/2/09	4/1/09	ML090960343
016	1892	Anderson	ML090630479	3/4/09	3/10/09	30 days 4/3/09	4/1/09	ML090960345
017	1894	Anderson	ML090650298	3/6/09	3/12/09	30 days 4/5/09	4/6/09	ML091000139
018	1895	Anderson	ML090650299	3/6/09	3/12/09	30 days 4/5/09	4/6/09	ML091000138
019	1896	Anderson	ML090650302	3/6/09	3/12/09	30 days 4/5/09	4/6/09	ML091000136
020	1957	Anderson	ML090650303	3/6/09	3/12/09	30 days 4/5/09	4/6/09	ML091030063
021	2148	Anderson	ML090650304	3/6/09	3/12/09	30 days 4/5/09	4/6/09	ML091000137
022	1811	Anderson	ML090650305	3/6/09	3/12/09	30 days 4/5/09	4/6/09	ML091000140
023	2229	Goetz	ML090980116	4/8/09	4/14/09	30 days 5/8/09	5/4/09	ML091280261
024	2297	Anderson	ML090990720	4/9/09	4/15/09	30 days 5/9/09	6/3/09	ML091610300
025	2298	Anderson	ML090990728	4/9/09	4/15/09	30 days 5/9/09	6/3/09	ML091610301
026	2316	Anderson	ML090990729	4/9/09	4/15/09	30 days 5/9/09	5/8/09	ML091330202
027	2408	Anderson	ML091280225	5/8/09	5/14/09	30 days 6/7/09	6/3/09	ML091610302
028	2251	Anderson	ML091280228	5/8/09	5/14/09	30 days 6/7/09	6/10/09	ML091670292
029	2099	Anderson	ML091280242	5/8/09	5/14/09	30 days 6/7/09	6/8/09	ML091630394

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Letter Number	eRAI Tracking Number(s)	Letter (E-mail) Author	ML Number	Date issued	Release Date	Response Due within xx days and due date	Response Date	Response ML number and comments
030	2244	Anderson	ML091280259	5/8/09	5/14/09	30 days 6/7/09	6/9/09	ML091630393
031	2285	Anderson	ML091280265	5/8/09	5/14/09	30 days 6/7/09		
032	2474	Anderson	ML091280297	5/8/09	5/14/09	30 days 6/7/09		
033	2495	Anderson	ML091280299	5/8/09	5/14/09	30 days 6/7/09		
034	2514	Anderson	ML091280308	5/8/09	5/14/09	30 days 6/7/09	6/9/09	ML091630395
035	2516	Anderson	ML091280309	5/8/09	5/14/09	30 days 6/7/09		
036	2157	Anderson	ML091350224	5/15/09	5/21/09	30 days 6/14/09	6/15/09	ML091680037
037	2158	Anderson	ML091350226	5/15/09	5/21/09	30 days 6/14/09		
038	2160	Anderson	ML091350228	5/15/09	5/21/09	30 days 6/14/09	6/15/09	ML091680038
039	2405	Anderson	ML091390185	5/19/09	5/25/09	30 days 6/18/09		
040	2161	Anderson	ML091390232	5/19/09	5/25/09	30 days 6/18/09		
041	2485	Simms	ML091390271	5/19/09	5/25/09	30 days 6/18/09		
042	2486	Simms	ML091390282	5/19/09	5/25/09	30 days 6/18/09		
043	2481	Simms	ML091390300	5/19/09	5/25/09	30 days 6/18/09		
044	2183	Anderson	ML091390639	5/19/09	5/25/09	30 days 6/18/09		

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Letter Number	eRAI Tracking Number(s)	Letter (E-mail) Author	ML Number	Date issued	Release Date	Response Due within xx days and due date	Response Date	Response ML number and comments
045	2159	Anderson	ML091390664	5/19/09	5/25/09	30 days 6/18/09		
046	2318	Patel	ML091400655	5/20/09	5/26/09	30 days 6/19/09		
047	2162	Anderson	ML091400616	5/20/09	5/26/09	30 days 6/19/09		
048	2164	Anderson	ML091460224	5/26/09	6/1/09	30 days 6/25/09		
049	2609	Comar	ML091550849	5/31/09	6/5/09	30 days 6/30/09		
050	2827	Simms	ML091520012	6/1/09	6/7/09	30 days 7/1/09		
051	2832	Simms	ML091520076	6/1/09	6/7/09	30 days 7/1/09		
052	2878	Simms	ML091520221	6/1/09	6/7/09	45 days 7/16/09		
053	2839	Goetz	ML091550699	6/4/09	6/10/09	30 days 7/4/09		
054	2865	Simms	ML091550406	6/4/09	6/10/09	30 days 7/4/09		
055	2925	Patel	ML091600714	6/9/09	6/15/09	30 days 7/9/2009		
056	2226	Simms	ML091671865	6/16/09	6/22/09	30 days 7/16/09		