PMLevyCOLPEm Resource

From: Anderson, Brian
Sent: Thursday, July 30, 2009 6:38 PM
To: robert.kitchen@pgnmail.com; david.waters@pgnmail.com; tillie.wilkins@pgnmail.com
Cc: PMLevyCOLPEm Resource
Subject: Levy County Units 1 and 2 RAI Status
Attachments: LNP RAI Status 7-30-09.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: 366

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Subject: Levy County Units 1 and 2 RAI Status
Sent Date: 7/30/2009 6:38:18 PM
Received Date: 7/30/2009 6:38:20 PM
From: Anderson, Brian

Created By: Brian.Anderson@nrc.gov

Recipients:
"PMLevyCOLPEm Resource" <PMLevyCOLPEm.Resource@nrc.gov>
Tracking Status: None
"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

Post Office: HQCLSTR01.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	361	7/30/2009 6:38:20 PM
LNP RAI Status 7-30-09.xls	26106	
Levy County RAI letter index.doc	164346	

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

Title	Technical Branch
RAI 1261	Siting and Accident Conseq Branch (RSAC)
RAI 1399	Geosciences and Geotechnical Engineering Branch 1 (RGS1)
RAI 1402	Geosciences and Geotechnical Engineering Branch 1 (RGS1)
RAI 1413	Geosciences and Geotechnical Engineering Branch 1 (RGS1)
RAI 1422	Structural Engineering Branch 1 (AP1000/EPR Projects) (SEB1)
RAI 1601	Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)
RAI 1629	Quality and Vendor Branch 1 (AP1000/EPR Projects) (CQVP)
RAI 1674	Quality and Vendor Branch 1 (AP1000/EPR Projects) (CQVP)
RAI 1759	Instrumentation, Controls and Electrical Engineering 1 (AP1000/EPR Projects) (ICE1)
RAI 1811	Licensing and Inspection Branch (NSIR/DPR/LIB) (EP)
RAI 1886	Fire Protection Team (SFPT)
RAI 1887	Fire Protection Team (SFPT)
RAI 1892	Siting and Accident Conseq Branch (RSAC)
RAI 1893	Siting and Accident Conseq Branch (RSAC)
RAI 1894	Siting and Accident Conseq Branch (RSAC)
RAI 1895	Siting and Accident Conseq Branch (RSAC)
RAI 1896	Siting and Accident Conseq Branch (RSAC)
RAI 1914	Quality and Vendor Branch 1 (AP1000/EPR Projects) (CQVP)
RAI 1957	Siting and Accident Conseq Branch (RSAC)
RAI 1974	Containment and Ventilation Branch 2 (ESBWR/ABWR Projects) (SBCV)
RAI 1986	Geosciences and Geotechnical Engineering Branch 1 (RGS1)
RAI 2099	Geosciences and Geotechnical Engineering Branch 1 (RGS1)
RAI 2148	Health Physics Branch (CHPB)
RAI 2149	Health Physics Branch (CHPB)
RAI 2150	Health Physics Branch (CHPB)
RAI 2151	Health Physics Branch (CHPB)
RAI 2152	Health Physics Branch (CHPB)
RAI 2157	Hydrologic Engineering Branch (RHEB)
RAI 2158	Hydrologic Engineering Branch (RHEB)
RAI 2159	Hydrologic Engineering Branch (RHEB)
RAI 2160	Hydrologic Engineering Branch (RHEB)
RAI 2161	Hydrologic Engineering Branch (RHEB)
RAI 2162	Hydrologic Engineering Branch (RHEB)
RAI 2164	Hydrologic Engineering Branch (RHEB)
RAI 2183	Hydrologic Engineering Branch (RHEB)
RAI 2226	Instrumentation, Controls and Electrical Engineering 1 (AP1000/EPR Projects) (ICE1)
RAI 2229	AP1000 Projects Branch 1 (NWE1)
RAI 2244	Geosciences and Geotechnical Engineering Branch 1 (RGS1)
RAI 2251	Licensing and Inspection Branch (NSIR/DPR/LIB) (EP)
RAI 2285	Geosciences and Geotechnical Engineering Branch 2 (RGS2)
RAI 2297	Operating Licensing and Human Performance Branch (AP1000/EPR Projects) (COLP)
RAI 2298	Operating Licensing and Human Performance Branch (AP1000/EPR Projects) (COLP)
RAI 2316	Operating Licensing and Human Performance Branch (AP1000/EPR Projects) (COLP)
RAI 2318	Structural Engineering Branch 1 (AP1000/EPR Projects) (SEB1)
RAI 2368	Health Physics Branch (CHPB)
RAI 2405	Licensing and Inspection Branch (NSIR/DPR/LIB) (EP)
RAI 2408	Licensing and Inspection Branch (NSIR/DPR/LIB) (EP)
RAI 2474	Geosciences and Geotechnical Engineering Branch 2 (RGS2)
RAI 2481	Electrical Engineering Branch (EEB)
RAI 2485	Electrical Engineering Branch (EEB)

RAI 2486 Electrical Engineering Branch (EEB)
RAI 2487 Electrical Engineering Branch (EEB)
RAI 2495 Geosciences and Geotechnical Engineering Branch 1 (RGS1)
RAI 2514 Geosciences and Geotechnical Engineering Branch 2 (RGS2)
RAI 2516 Geosciences and Geotechnical Engineering Branch 2 (RGS2)
RAI 2609 PRA Licensing, Operations Support and Maintenance Branch 1 (AP1000/EPR Projects) (SPLA)
RAI 2775 Structural Engineering Branch 1 (AP1000/EPR Projects) (SEB1)
RAI 2827 Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)
RAI 2832 Balance of Plant Branch 2 (ESBWR/ABWR) (SBPB)
RAI 2839 Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)
RAI 2865 Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)
RAI 2878 Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)
RAI 2925 Structural Engineering Branch 1 (AP1000/EPR Projects) (SEB1)
RAI 2987 Structural Engineering Branch 1 (AP1000/EPR Projects) (SEB1)
RAI 3010 Siting and Accident Conseq Branch (RSAC)
RAI 3011 Siting and Accident Conseq Branch (RSAC)
RAI 3210 AP1000 Projects Branch 1 (NWE1)
RAI 3339 Electrical Engineering Branch (EEB)
RAI 3352 Electrical Engineering Branch (EEB)
RAI 3405 AP1000 Projects Branch 1 (NWE1)
RAI 3411 AP1000 Projects Branch 1 (NWE1)
RAI 3413 AP1000 Projects Branch 1 (NWE1)
RAI 3414 AP1000 Projects Branch 1 (NWE1)
RAI 3417 AP1000 Projects Branch 1 (NWE1)
RAI 3418 AP1000 Projects Branch 1 (NWE1)
RAI 3420 AP1000 Projects Branch 1 (NWE1)

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 Applicar
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
01 - Introduction and Interfaces
08.02 - Offsite Power System
08.01 - Electric Power - Introduction
14.03 - Inspections, Tests, Analyses, and Acceptance Criteria
13.06 - Physical Security
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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)

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 7/22/09	ML091000139 ML092050161 (sup)
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 6/30/09	ML091000140 ML091880203 (revised)
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 6/23/09	ML091630394 ML091810094

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 6/23/09	ML091630393 ML091810081 (sup)
031	2285	Anderson	ML091280265	5/8/09	5/14/09	30 days 6/7/09	7/1/09	ML091880943
032	2474	Anderson	ML091280297	5/8/09	5/14/09	30 days 6/7/09	7/1/09	ML091880284
033	2495	Anderson	ML091280299	5/8/09	5/14/09	30 days 6/7/09	6/23/09	ML091770630
034	2514	Anderson	ML091280308	5/8/09	5/14/09	30 days 6/7/09	6/9/09 6/23/09 7/1/09 7/13/09	ML091630395 ML091810083 (Partial) ML091880942 (Partial) ML091960625 (Partial)
035	2516	Anderson	ML091280309	5/8/09	5/14/09	30 days 6/7/09	6/23/09 7/1/09 7/8/09 7/16/09	ML091810082 ML091880281 (Partial) ML091940129 (Partial) ML092030130 (Partial)
036	2157	Anderson	ML091350224	5/15/09	5/21/09	30 days 6/14/09	6/15/09 6/23/09	ML091680037 ML091830343 (sup)
037	2158	Anderson	ML091350226	5/15/09	5/21/09	30 days 6/14/09	7/13/09	ML091950612
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	6/23/09	ML091810091
040	2161	Anderson	ML091390232	5/19/09	5/25/09	30 days 6/18/09	7/20/09	ML092030128
041	2485	Simms	ML091390271	5/19/09	5/25/09	30 days 6/18/09	6/23/09	ML091770629
042	2486	Simms	ML091390282	5/19/09	5/25/09	30 days 6/18/09	7/13/09	ML091950613

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
043	2481	Simms	ML091390300	5/19/09	5/25/09	30 days 6/18/09	7/13/09	ML091950614
044	2183	Anderson	ML091390639	5/19/09	5/25/09	30 days 6/18/09		
045	2159	Anderson	ML091390664	5/19/09	5/25/09	30 days 6/18/09	6/23/09	ML091760626
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	7/6/09	ML091900144
051	2832	Simms	ML091520076	6/1/09	6/7/09	30 days 7/1/09	6/23/09	ML091760622
052	2878	Simms	ML091520221	6/1/09	6/7/09	45 days 7/16/09	7/22/09	ML092050072
053	2839	Goetz	ML091550699	6/4/09	6/10/09	30 days 7/4/09	7/6/09	ML091900143
054	2865	Simms	ML091550406	6/4/09	6/10/09	30 days 7/4/09	6/23/09	ML091760625
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	7/20/09	ML092030442
057	2487	Comar	ML091720002	6/21/09	6/26/09	30 days 7/21/09	7/22/09	ML092050073

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
058	2987	Comar	ML091730438	6/22/09	6/29/09	30 days 7/22/09	7/20/09	ML092030127
059	3010	Anderson	ML091750129	6/24/09	6/30/09	30 days 7/24/09	7/22/09	ML092050074
060	3011	Anderson	ML091750131	6/24/09	6/30/09	30 days 7/24/09	7/20/09	ML092030441
061	2775	Patel	ML091770418	6/26/09	07/02/09	30 days 6/26/09		
062	3210	Goetz	ML0919501540	7/14/2009	7/20/09	30 days 8/14/09		
063	3339	Simms	ML092020643	7/21/09	7/27/09	30 days 8/20/09		