



444 South 16th Street Mall
Omaha, NE 68102-2247

August 15, 2013
LIC-13-0102

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

- References:
1. Docket No. 50-285
 2. Letter from NRC (E. J. Leeds & M. R. Johnson) to OPPD (D. J. Bannister), "Request for Information Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident," dated March 12, 2012 (ML 12053A340) (NRC-12-0021)
 3. Letter from OPPD (L. P. Cortopassi) to NRC (Document Control Desk), "OPPD 180-day Response to NRC Request for Information Pursuant to 10 CFR 50.54(f) Regarding the Flooding Aspects of Recommendation 2.3 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident," dated November 27, 2012 (ML 12334A449) (LIC-12-0170)

Subject: OPPD Supplemental Response to NRC Request for Information Pursuant to 10 CFR 50.54(f) Regarding the Flooding Aspects of Recommendations 2.3 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident

On March 12, 2012, the NRC issued Reference 2 to all power reactor licensees and holders of construction permits in active or deferred status. Enclosure 4 of Reference 2 requested that each licensee perform flood protection walkdowns and report the results within 180 days of NRC endorsement of the flooding walkdown procedure (NEI 12-07). OPPD completed the flood protection walkdowns at Fort Calhoun Station (FCS) and submitted the results in Reference 3. As noted on page 12 of Enclosure 1 of Reference 3, sixty-four (64) open items were identified where restricted access prevented walkdown of certain flood protection features. Walkdowns of the restricted access items have been completed and the attachment to this letter provides the results. This submittal closes all the open items in Reference 3.

The attached table provides a list of the restricted access items inspected, their respective disposition, and any action planned or taken. As a result of the inspections:

- There were no additional deficiencies found in the supplemental walkdown.
- Available Physical Margin (APM) was collected and documented in the walkdown record forms for each applicable item inspected.
- All restricted access items inspected were within the plant maintenance and monitoring programs.

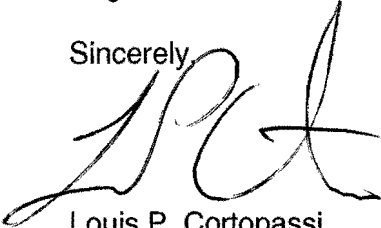
- None of the restricted access items were reclassified as inaccessible.

If you should you have questions, please contact Mr. Bill Hansher at (402) 533-6894.

No commitments to the NRC are contained in this letter.

I declare under penalty of perjury that the foregoing is true and correct. Executed on August 12, 2013.

Sincerely,

A handwritten signature in black ink, appearing to read 'LPC', written over the word 'Sincerely,'.

Louis P. Cortopassi
Site Vice President and CNO

LPC/JKG/mle

Attachment Flooding Walkdown – Restricted Access Items

- c:
- E. J. Leeds, Director, Office of Nuclear Reactor Regulation
 - S. A. Reynolds, Acting NRC Regional Administrator, Region IV
 - J. M. Sebrosky, NRC Senior Project Manager
 - L. E. Wilkins, NRC Project Manager
 - J. C. Kirkland, NRC Senior Resident Inspector

**Fort Calhoun Station
Flooding Walkdown – Restricted Access Items**

Item	Feature ID/ Procedure No.	Description	Bldg./Area	CLB Feature Elevation	Room	Other Description (if any)	Feature/Barrier Type	CLB Flood El. At Feature	Deficiency (yes/no)	Deficiency Description	Actions Taken or Planned	Inaccessible? (yes/no, if yes, explain below)
1	IS-E-07	CW-14 Conduit Penetration from Control Station to Motor	IS- Intake Structure	1004'-6"	IS - Intake Structure	CW-14 Conduit Penetration from Control Station to Motor	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
2	IS-E-08	CW-14E Conduit Penetration Power from Cable Tray to Motor	IS- Intake Structure	1004'-6"	IS-CELL - Intake Structure, Intake Cell Space	CW-14E Conduit Penetration Power from Cable Tray to Motor	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
3	IS-E-09	CW-14D Conduit Penetration from Control Station to Motor	IS- Intake Structure	1004'-6"	IS - Intake Structure	CW-14D Conduit Penetration from Control Station to Motor	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
4	IS-E-10	CW-14D Conduit Penetration Power from Cable Tray to Motor	IS- Intake Structure	1004'-6"	IS-CELL - Intake Structure, Intake Cell Space	CW-14D Conduit Penetration Power from Cable Tray to Motor	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No

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5	IS-E-11	CW-14C Conduit Penetration from Control Station to Motor	IS- Intake Structure	1004'-6"	IS - Intake Structure	CW-14C Conduit Penetration from Control Station to Motor	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
6	IS-E-12	CW-14C Conduit Penetration Power from Cable Tray to Motor	IS- Intake Structure	1004'-6"	IS-CELL - Intake Structure, Intake Cell Space	CW-14C Conduit Penetration Power from Cable Tray to Motor	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
7	IS-E-13	CW-14B Conduit Penetration from Control Station to Motor	IS- Intake Structure	1004'-6"	IS - Intake Structure	CW-14B Conduit Penetration from Control Station to Motor	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
8	IS-E-14	CW-14B Conduit Penetration Power from Cable Tray to Motor	IS- Intake Structure	1004'-6"	IS-CELL - Intake Structure, Intake Cell Space	CW-14B Conduit Penetration Power from Cable Tray to Motor	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
9	IS-E-15	CW-14A Conduit Penetration from Control Station to Motor	IS- Intake Structure	1004'-6"	IS - Intake Structure	CW-14A Conduit Penetration from Control Station to Motor	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No

Item	Feature ID/ Procedure No.	Description	Bldg./Area	CLB Feature Elevation	Room	Other Description (if any)	Feature/Barrier Type	CLB Flood El. At Feature	Deficiency (yes/no)	Deficiency Description	Actions Taken or Planned	Inaccessible? (yes/no, if yes, explain below)
10	IS-E-16	CW-14A Conduit Penetration Power from Cable Tray to Motor	IS- Intake Structure	1004'-6"	IS-CELL - Intake Structure, Intake Cell Space	CW-14A Conduit Penetration Power from Cable Tray to Motor	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
11	IS-E-17	Compressed Air to Veranda Penetration	IS- Intake Structure	1004' 0"	IS - Intake Structure	Compressed Air to Veranda Penetration	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
12	IS-E-21	Surface Sluice Penetration	IS- Intake Structure	988'-6"	IS-CELL - Intake Structure, Intake Cell Space	Surface Sluice Penetration	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
13	IS-E-23	"F" Cell Grid Backwash Penetration	IS- Intake Structure	998'-10"	IS-CELL - Intake Structure, Intake Cell Space	"F" Cell Grid Backwash Penetration	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
14	IS-E-24	"E" Cell Grid Backwash Penetration	IS- Intake Structure	998'-10"	IS-CELL - Intake Structure, Intake Cell Space	"E" Cell Grid Backwash Penetration	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
15	IS-E-25	"D" Cell Grid Backwash Penetration	IS- Intake Structure	998'-10"	IS-CELL - Intake Structure, Intake Cell Space	"D" Cell Grid Backwash Penetration	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No

Item	Feature ID/ Procedure No.	Description	Bldg./Area	CLB Feature Elevation	Room	Other Description (if any)	Feature/Barrier Type	CLB Flood El. At Feature	Deficiency (yes/no)	Deficiency Description	Actions Taken or Planned	Inaccessible? (yes/no, if yes, explain below)
16	IS-E-26	"C" Cell Grid Backwash Penetration	IS- Intake Structure	998'-10"	IS-CELL - Intake Structure, Intake Cell Space	"C" Cell Grid Backwash Penetration	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
17	IS-E-27	"B" Cell Grid Backwash Penetration	IS- Intake Structure	998'-10"	IS-CELL - Intake Structure, Intake Cell Space	"B" Cell Grid Backwash Penetration	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
18	IS-E-28	"A" Cell Grid Backwash Penetration	IS- Intake Structure	998'-10"	IS-CELL - Intake Structure, Intake Cell Space	"A" Cell Grid Backwash Penetration	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
19	IS-N-08	Security System Conduit Penetration	IS- Intake Structure	1008'-1"	IS - Intake Structure	Security System Conduit Penetration	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
20	IS-N-09	Security System Conduit Penetration	IS- Intake Structure	1008'-1"	IS - Intake Structure	Security System Conduit Penetration	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
21	IS-N-10	Security System Conduit Penetration	IS- Intake Structure	1007'-5"	IS - Intake Structure	Security System Conduit Penetration	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No

Item	Feature ID/ Procedure No.	Description	Bldg./Area	CLB Feature Elevation	Room	Other Description (if any)	Feature/Barrier Type	CLB Flood El. At Feature	Deficiency (yes/no)	Deficiency Description	Actions Taken or Planned	Inaccessible? (yes/no, if yes, explain below)
22	IS-N-11	Security System Conduit Penetration	IS- Intake Structure	1007'-5"	IS - Intake Structure	Security System Conduit Penetration	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
23	MH31-E-03	MH-31 Conduit, 1900 series instrument conduit	Yard	1002'-7"	MH-31 - Man Hole 31	MH-31 Conduit, 1900 series instrument conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
24	MH31-E-04	MH-31 Conduit	Yard	1002'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
25	MH31-E-05	MH-31 Conduit	Yard	996'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
26	MH31-E-06	MH-31 Conduit	Yard	997'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
27	MH31-E-07	MH-31 Conduit	Yard	998'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
28	MH31-E-08	MH-31 Conduit	Yard	1002'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
29	MH31-E-09	MH-31 Conduit	Yard	997'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No

Item	Feature ID/ Procedure No.	Description	Bldg./Area	CLB Feature Elevation	Room	Other Description (if any)	Feature/Barrier Type	CLB Flood El. At Feature	Deficiency (yes/no)	Deficiency Description	Actions Taken or Planned	Inaccessible? (yes/no, if yes, explain below)
30	MH31-E-10	MH-31 Conduit	Yard	1001'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
31	MH31-E-11	MH-31 Conduit	Yard	998'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
32	MH31-E-12	MH-31 Conduit	Yard	998'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
33	MH31-E-13	MH-31 Conduit	Yard	995'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
34	MH31-E-14	MH-31 Conduit	Yard	995'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
35	MH31-E-15	MH-31 Conduit	Yard	1001'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
36	MH31-E-16	MH-31 Conduit	Yard	1001'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
37	MH31-E-17	MH-31 Conduit	Yard	1002'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
38	MH31-E-18	MH-31 Conduit	Yard	995'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No

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39	MH31-E-19	MH-31 Conduit	Yard	997'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
40	MH31-E-20	MH-31 Conduit	Yard	996'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
41	MH31-E-21	MH-31 Conduit	Yard	1002'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
42	MH31-E-22	MH-31 Conduit	Yard	1002'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
43	MH31-E-25	MH-31 Conduit	Yard	998'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
44	MH31-E-26	MH-31 Conduit	Yard	998'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
45	MH31-E-27	MH-31 Conduit	Yard	1001'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
46	MH31-E-28	MH-31 Conduit	Yard	997'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
47	MH31-E-29	MH-31 Conduit	Yard	1002'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No

Item	Feature ID/ Procedure No.	Description	Bldg./Area	CLB Feature Elevation	Room	Other Description (if any)	Feature/Barrier Type	CLB Flood El. At Feature	Deficiency (yes/no)	Deficiency Description	Actions Taken or Planned	Inaccessible? (yes/no, if yes, explain below)
48	MH31-E-30	MH-31 Conduit	Yard	998'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
49	MH31-E-31	MH-31 Conduit	Yard	997'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
50	MH31-E-32	MH-31 Conduit	Yard	996'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
51	MH31-E-33	MH-31 Conduit	Yard	996'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
52	MH31-E-34	MH-31 Conduit	Yard	997'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
53	MH31-E-35	MH-31 Conduit	Yard	996'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
54	MH31-E-36	MH-31 Conduit	Yard	1002'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
55	MH31-E-37	MH-31 Conduit	Yard	1001'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
56	MH31-E-38	MH-31 Conduit	Yard	1001'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No

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57	MH31-E-39	MH-31 Conduit	Yard	995'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
58	MH31-E-40	MH-31 Conduit	Yard	995'-7"	MH-31 - Man Hole 31	MH-31 Conduit	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
59	MH31-N-01	Conduit Penetration for RW strainer power	Yard	1000'-0"	MH-31 - Man Hole 31	Conduit Penetration for RW strainer power	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
60	MH31-N-02	Conduit Penetration for RW strainer power	Yard	1000'-0"	MH-31 - Man Hole 31	Conduit Penetration for RW strainer power	Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
61	Room 06 Walls/Floors	Walls and Floors	Aux Bldg	989'-8"	Room 6		Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
62	Room 07 Walls/Floors	Walls and Floors	Aux Bldg	989'-8"	Room 7		Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No
63	Room 09 Walls/Floors	Walls and Floors	Aux Bldg	989'-8"	Room 9		Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No

Item	Feature ID/ Procedure No.	Description	Bldg./Area	CLB Feature Elevation	Room	Other Description (if any)	Feature/Barrier Type	CLB Flood El. At Feature	Deficiency (yes/no)	Deficiency Description	Actions Taken or Planned	Inaccessible? (yes/no, if yes, explain below)
64	Room 16 Walls/Floors	Walls and Floors	Aux Bldg	989'-8"	Room 16		Incorporated or Exterior Passive (IEP)	1014 ft.	No	N/A	None	No