

ATTACHMENT 1

CONSUMERS ENERGY
BIG ROCKPOINT

DOCKET NUMBERS 50-155 AND 72-043

TRANSMITTAL OF SURVEY PACKAGES IN SUPPORT OF BIG ROCK POINT PHASED
LICENSE TERMINATION

MATRIX OF FSS SUPPORTING DOCUMENTATION

October 27, 2006

5 Pages

MATRIX OF BIG ROCK POINT FINAL STATUS SURVEY REPORTS

SURVEY AREA ¹	RECORD ² NUMBER	SURVEY AREA DESCRIPTION	PACKAGE SIGNOFF DATE	U.S. NRC REVIEW METHOD	PACKAGE REVIEW DATE	LETTER DATE
CLASS 1 AREAS – FINAL STATUS SURVEY OF SURFACES						
1	01C ₁ 1	Class 1 Final Status Release Record, South West Protected Area	10/11/06	Letter		10/13/06
2	02C ₁ 1	Class 1 Final Status Release Record, West Central Protected Area	10/11/06	Letter		10/13/06
3	03C ₁ 1	Class 1 Final Status Release Record, North West Protected Area	10/16/06	Letter		10/24/06
4	04C ₁ 1	Class 1 Final Status Release Record, North Central Protected Area	10/04/06	Letter		10/10/06
5	05C ₁ 1	Class 1 Final Status Release Record, Central Protected Area	10/16/06	Letter		10/24/06
6	06C ₁ 1	Class 1 Final Status Release Record, South Central Protected Area	10/23/06	Letter		10/24/06
7	07C ₁ 1	Class 1 Final Status Release Record, South East Protected Area	10/24/06	Letter		10/27/06
8	08C ₁ 1	Class 1 Final Status Release Record, East Central Protected Area	10/25/06	Letter		10/27/06
9	09C ₁ 1	Class 1 Final Status Release Record, North East Protected Area	10/04/06	Letter		10/13/06
10	10C ₁ 1	Class 1 Final Status Release Record, East Protected Area	10/25/06	Letter		10/27/06
11 ³	North11C ₁ 1	Class 1 Final Status Release Record, North Radwaste Staging Area	10/25/06	Letter		10/27/06
11	South11C ₁ 1	Class 1 Final Status Release Record, South Radwaste Staging Area				
15	15(2R)C ₁ 1	Class 1 Final Status Release Record, Woods Road Storage Area	05/23/06	On-Site Inspection and Letter	06/13-14/06	10/9/06
20	20C ₁ 1	Class 1 Final Status Release Record, East Radwaste Staging Area				
23	23C ₁ 1	Class 1 Final Status Release Record, North Protected Area	10/05/06	Letter		10/10/06
24	24C ₁ 1	Class 1 Final Status Release Record, South Protected Area				
Discharge Canal ⁴	Canal C ₁ 1	Class 1 Final Status Survey, Discharge Canal	01/27/05	On-Site Inspection and Letter	06/13-14/06	10/9/06
CLASS 1 AREAS- EXCAVATED SOIL FINAL STATUS SURVEYS⁵						
2	02Cx ₁ 1	Class 1 Final Status Survey, Excavated Soil from Retention Pond Construction	10/13/2004	On-Site Inspection and Letter	06/13-14/06	10/9/06
8	08Cx ₁ 1	Class 1 Final Status Survey, Excavated Soil from Turbine Building Subfloor	05/16/05	On-Site Inspection and Letter	06/13-14/06	10/9/06
9	09Cx ₁ 1	Class 1 Final Status Survey, Excavated Soil from Screenhouse Area	12/09/04	On-Site Inspection and Letter	06/13-14/06	10/9/06
9	09Cx ₂ 1	Class 1 Final Status Survey, Excavated Soil from Screenhouse Area	12/08/04	On-Site Inspection and letter	06/13-14/06	10/9/06

¹ Survey Area Map – Big Rock Point License Termination Plan, Chapter 5, figure 5-3, Initial Land Area Survey Units

² Record Number nomenclature is defined in Procedure RM-76, Final Status Survey Design, step 6.2, Survey Unit Nomenclature

³ Surface of survey unit 11 was divided into North and South areas due to intermediate use of land between the quarry survey and the final surface survey (served as solid Radwaste storage yard in interim.)

⁴ Discharge Canal is North East of the Protected Area

⁵ Soils removed from Class 1 Area excavations

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9	09Cx ₃ 1	Class 1 Final Status Survey, Excavated Soil from Screenhouse Area	12/09/04	On-Site Inspection and letter	06/13-14/06	10/9/06
9	09Cx ₄ 1	Class 1 Final Status Survey, Excavated Soil from Screenhouse Area	12/09/04	On-Site Inspection and letter	06/13-14/06	10/9/06
9	09Cx ₅ 1	Class 1 Final Status Survey, Excavated Soil from Screenhouse Area	12/14/04	On-Site Inspection and letter	06/13-14/06	10/9/06
9	09Cx ₆ 1	Class 1 Final Status Survey, Excavated Soil from Screenhouse Area	01/19/05	On-Site Inspection and Letter	06/13-14/06	10/9/06
9	09Cx ₇ 1	Class 1 Final Status Survey, Excavated Soil from Screenhouse Area	05/16/05	On-Site Inspection and Letter	06/13-14/06	10/9/06
11	11Cx ₁ 1	Class 1 Final Status Survey, Excavated Soil from Radwaste Storage Vaults	10/13/04	On-Site Inspection and Letter	06/13-14/06	10/9/06
Slurry ⁶ Wall	Slurry Wall Cx ₁ 1	Class 1 Final Status Survey, Excavated Soil from Slurry Wall Construction	12/08/04	On-Site Inspection and Letter	06/13-14/06	10/9/06
Slurry Wall	Slurry Wall Cx ₂ 1	Class 1 Final Status Survey, Excavated Soil from Slurry Wall Construction	12/20/04	On-Site Inspection and Letter	06/13-14/06	10/9/06
Turbine Building ⁷	TBCx ₁ 1	Class 1 Supporting Survey– Soil Excavated from Turbine Building Demolition Area, Supporting Subsurface Structure and Component Removal	08/24/05	On-Site Inspection and Letter	06/13-14/06	10/9/06
Turbine Building	TBCx ₂ 1	Class 1 Supporting Survey– Soil Excavated from Turbine Building Demolition Area, Supporting Subsurface Structure and Component Removal	10/13/05	On-Site Inspection and Letter	06/13-14/06	10/9/06
Turbine Building	TBCx ₃ 1	Class 1 Supporting Survey– Soil Excavated from Turbine Building Demolition Area, Supporting Subsurface Structure and Component Removal	11/23/05	On-Site Inspection and Letter	06/13-14/06	10/9/06
Turbine Building	TBCx ₄ 1	Class 1 Supporting Survey– Soil Excavated from Turbine Building Demolition Area, Supporting Subsurface Structure and Component Removal	11/23/05	On-Site Inspection and Letter	06/13-14/06	10/9/06
Turbine Building	TBCx ₅ 1	Class 1 Supporting Survey– Soil Excavated from Turbine Building Demolition Area, Supporting Subsurface Structure and Component Removal	01/06/06	On-Site Inspection and Letter	06/13-14/06	10/9/06
Turbine Building	TBCx ₆ 1	Class 1 Supporting Survey– Soil Excavated from Turbine Building Demolition Area, Supporting Subsurface Structure and Component Removal	07/03/06	On-Site Inspection and Letter	06/13-14/06	10/9/06
Turbine Building	TBCx ₇ 1	Class 1 Supporting Survey– Soil Excavated from Turbine Building Demolition Area, Supporting Subsurface Structure and Component Removal	07/05/06	On-Site Inspection and Letter	06/13-14/06	10/9/06

⁶ Slurry Wall crossed several survey areas on the east, south, and west sides of the protected area.

⁷ Turbine building excavation was beneath survey areas 5, 6, and 8

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Turbine Building	TBCx ₈ 1	Class 1 Supporting Survey – Relocated Soil from Turbine Building/Containment Demolition	07/03/06	On-Site Inspection and Letter	06/13-14/06	10/9/06
Turbine Building	TBCx ₉ 1	Class 1 Supporting Survey – Relocated Soil from Turbine Building/Containment Demolition	07/03/06	On-Site Inspection and Letter	06/13-14/06	10/9/06
Turbine Building	TBCx ₁₀ 1	Class 1 Relocated Soil Supporting Survey Release Record – Relocated Soils from Turbine Building/Containment Demolition	08/03/06	Letter		8/24/06
Turbine Building	TBCx ₁₁ 1	Class 1 Relocated Soil Supporting Survey Release Record – Relocated Soils from Turbine Building/Containment Demolition	08/14/06	Letter		8/24/06
Turbine Building	TBCx ₁₂ 1	Class 1 Relocated Soil Supporting Survey Release Record – Relocated Soils from Turbine Building/Containment Demolition	9/6/06	Letter		9/20/06
Turbine Building	TBCx ₁₃ 1	Class 1 Relocated Soil Supporting Survey Release Record – Relocated Soils from Turbine Building/Containment Demolition	9/6/06	Letter		9/20/06
Turbine Building	TBCx ₁₄ 1	Class 1 Relocated Soil Supporting Survey Release Record – Relocated Soils from Turbine Building/Containment Demolition	09/15/06	Letter		10/10/06
Turbine Building	TBCx ₁₄ 1	Class 1 Relocated Soil Supporting Survey Release Record – Relocated Soils from Turbine Building/Containment Demolition	10/23/06	Letter		10/24/06
CLASS 1 AREAS – FINAL STATUS SURVEY – SUBSURFACE (QUARRY)						
9	09Cq ₁ 1	Class 1 Final Status Survey, Screenhouse Area Excavation	12/20/04	On-Site Inspection and Letter	06/13-14/06	10/9/06
11	11Cq ₁ 1	Class 1 Final Status Survey, Solid Radwaste Storage Area Excavation	10/13/04	On-Site Inspection and Letter	06/13-14/06	10/9/06
Containment ⁸	CSCq ₁ 1	Excavated Surface Supporting Survey Release Record – Base Elevation Survey of Containment Structure Excavation	08/03/06	Letter		8/24/06
Circulating Water Piping	CWCq ₁ 1	Excavated Surface Supporting Survey Release Record – Base Elevation Survey of Circulating Water Piping Excavation	08/07/06	Letter		8/24/06
Turbine Building	East TBCq ₁ 1	Class 1 Final Status Release Record, Turbine Building East Excavation Surface	03/30/06	Letter		4/03/06
Turbine Building	West TBCq ₁ 1	Excavated Surface Supporting Survey Release Record – Base Elevation Survey of the Turbine Building Excavation Following Removal of West-Side Foundations and Subsurface Components	08/14/06	Letter		8/24/06

⁸ Containment quarry was beneath survey areas 4, 5, 8, and 9. Circulation Water quarry was beneath survey areas 7, 8, 9, and 10. Turbine Building quarry was beneath survey areas 5, 6, and 8

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SURVEY AREA ¹	RECORD ² NUMBER	SURVEY AREA DESCRIPTION	PACKAGE SIGNOFF DATE	U.S. NRC REVIEW METHOD	PACKAGE REVIEW DATE	LETTER DATE
CLASS 2 AREAS – FINAL STATUS SURVEY OF SURFACE						
12	12C _{1,2}	Class 2 Final Status Survey Release Record, Shoreline North of the Protected Area	08/14/06	Letter		8/24/06
15	15(1)C _{1,2}	Class 2 Final Status Survey Release Record, Eastern Section Woods Road Area				
15	15(2)C _{1,2}	Class 2 Final Status Survey Release Record, Central Section Woods Road Area	08/09/06	Letter		8/24/06
16	16C _{1,2}	Class 2 Final Status Survey Release Record, Shoreline East of Breakwall	08/14/06	Letter		8/24/06
19	North19C _{1,2}	Class 2 Final Status Survey Release Record, North West Transport Route				
19	South19C _{1,2}	Class 2 Final Status Survey Release Record, South West Transport Route				
21	North21C _{1,2}	Class 2 Final Status Survey Release Record, North East Transport Route				
21	South21C _{1,2}	Class 2 Final Status Survey Release Record, South East Transport Route				
22	East22C _{1,2}	Class 2 Final Status Survey Release Record, East Powerline Corridor				
22	West22C _{1,2}	Class 2 Final Status Survey Release Record, West Powerline Corridor				
26	26C _{1,2}	Class 2 Final Status Release Record, Drainage Ditch, South and West of the Industrial Area				
Septic Drain Field ⁹	DFC _{1,2}	Class 2 Final Status Survey Release Record, Septic Field Drain	08/14/06	Letter		8/24/06
CLASS 2 AREAS – EXCAVATED SOIL FINAL STATUS SURVEYS						
12	12Cx _{1,2}	Class 2 Final Status Survey Record, Excavated Soil from Building Construction	12/07/04	On-Site Inspection and Letter	06/13-14/06	10/9/06
19	19Cx _{1,2}	Class 2 Final Status Survey Record, Excavated Soil from Storm Drain Modification	12/02/04	On-Site Inspection and Letter	06/13-14/06	10/9/06

⁹ Septic Field Drain survey area is contained within survey area 15(1)

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CLASS 3 AREAS – FINAL STATUS SURVEY OF SURFACE						
13	13C ₁ 3	Class 3 Final Status Survey Release Record, Shoreline East of the Industrial Site	08/14/06	Letter		8/24/06
14	14C ₁ 3	Class 3 Final Status Survey Release Record, Shoreline West of the Industrial Site	08/17/06	Letter		8/24/06
17	17C ₁ 3	Class 3 Final Status Survey Release Record, East Woods Boundary				
18	18C ₁ 3	Class 3 Final Status Survey Release Record, Wooded Area West of Industrial Site	07/03/06 ¹⁰	On-Site Inspection and Letter	06/13-14/06	10/9/06
25	25C ₁ 3	Class 3 Final Status Survey Release Record, South Woods Boundary				
59	59C ₁ 3	Class 3 Final Status Survey Release Record, Soil Storage Area South of US 31	07/03/06	On-Site Inspection and Letter	06/13-14/06	10/9/06

¹⁰ Revisions to packages signed after NRC review were administrative only – no changes to technical content.