GIS REGISTRY INFORMATION

SITE NAME:	Point Beach Nuclear Plant		
BRRTS #:	02-36-530454	**FID # (**if appropriate**):**	436034500
COMMERCE # (if appropriate**):**			
CLOSURE DATE:	08/10/2007		
STREET ADDRESS:	6610 Nuclear Road		
CITY:	Two Creeks		
SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection)**:**	**X=** 716442	**Y=** 426092	
CONTAMINATED MEDIA:	Groundwater [ ]	Soil [x]	Both [ ]
OFF-SOURCE GW CONTAMINATION >ES:	[ ] **Yes**	[x] **No**	
IF YES, STREET ADDRESS 1:			
GPS COORDINATES (meters in WTM91 projection)**:**	**X=**	**Y=**	
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):	[ ] **Yes**	[x] **No**	
IF YES, STREET ADDRESS 1:			
GPS COORDINATES (meters in WTM91 projection)**:**	**X=**	**Y=**	
CONTAMINATION IN RIGHT OF WAY:	[ ] **Yes**	[x] **No**	

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter or denial letter issued	x
Copy of any maintenance plan referenced in the final closure letter.	n/a
Copy of (soil or land use) deed notice ***if any required as a condition of closure*** ***(see closure letter)***	
Copy of most recent deed, including legal description, for all affected properties	x
Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties	x
County Parcel ID number, *if used for county*, for all affected properties **017-024-000-000.0(**	x
Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.	x
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.	x
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	n/a
Tables of Latest Soil Analytical Results (no shading or cross-hatching)	x
Isoconcentration map(s), *if required for site investigation (SI) (*8.5x14" if paper copy*)*.* The isoconcentration map should have flow direction and extent of groundwater contamination defined. **If not available, include the latest extent of contaminant plume map.**	n/a
GW: Table of water level elevations, with sampling dates, and free product noted if present	n/a
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	n/a
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour	x
Geologic cross-sections, *if required for SI.* (8.5x14' if paper copy**)**	x
RP certified statement that legal descriptions are complete and accurate	x
Copies of off-source notification letters (if applicable)	n/a
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	n/a

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Ronald W. Kazmierczak, Regional Director

Northeast Region Headquarters
2984 Shawano Ave., P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-662-5100
FAX 920-662-5413
TTY Access via relay - 711

August 10, 2007

Kjell Johansen
Point Beach Nuclear Plant
6610 Nuclear Road
Two Rivers, WI 54241

SUBJECT: Final Case Closure with Land Use Limitations or Conditions
Point Beach Nuclear Plant Historic Diesel Release
WDNR BRRTS Activity #: 02-36-530454

Dear Mr. Johansen:

Based on the correspondence and data provided, it appears that your case meets the requirements of ch. NR 726, Wisconsin Administrative Code. **The Department considers this case closed and no further investigation or remediation is required at this time.**

On July 31, 2007, the Northeast Region Closure Committee reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases.

Closure Conditions

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which the current property owner and any subsequent property owners must adhere. If these requirements are not followed or if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, the Department may take enforcement action under s. 292.11 Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code. It is the Department's intent to conduct inspections in the future to ensure that the conditions included in this letter including compliance with referenced maintenance plans are met.

Structural Impediments

Structural impediments existing at the time of cleanup (the presence of a secondary security fence and switch yard), made complete remediation of the soil contamination on this property impracticable. Pursuant to s. 292.12(2)(b), Wis. Stats., if the structural impediments on this property that are described above are removed, the property owner shall conduct an investigation of the degree and extent of the historical diesel contamination. If contamination is found at that time, the Wisconsin Department of Natural Resources shall be immediately notified and the contamination shall be properly remediated in accordance with applicable statutes and rules. If soil in the specific locations described above is excavated, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans.

Industrial Residual Soil Standards

Soil samples that are representative of currently remaining residual contamination were collected in October 2006. These soil samples contained benzene, 1,3,5-trimethylbenzene and xylene (also known as VOCs or volatile organic compounds) that exceeded Wis. Adm. Code NR 720 soil concentrations for groundwater protection. In addition, residual soil contained concentrations of naphthalene, and phenanthrene (also known as PAHs or polycyclic aromatic hydrocarbons) that exceed non-industrial soil standards for direct contact.

Therefore, pursuant to s. 292.12(2)(c), Wis. Stats., the property described above may not be used or developed for a residential, commercial, agricultural or other non-industrial use, unless (at the time that the non-industrial use is proposed) an investigation is conducted, to determine the degree and extent of petroleum contamination that remains on the property, and remedial action is taken as necessary to meet all applicable non-industrial soil cleanup standards. If soil in the specific locations described above is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains.

If sampling confirms that contamination is present, the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil

may pose an inhalation or other direct contact hazard and as a result, special precautions may need to be taken during excavation activities to prevent a health threat to humans.

Vapor Migration

Depending on site-specific conditions, construction over contaminated materials may result in vapor migration into enclosed structures or migration along newly placed underground utility lines. The potential for vapor inhalation and mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site.

GIS Registry listing

Your site will be listed on the Bureau for Remediation and Redevelopment GIS Registry for Closed Remediation sites for the following reasons:

- Soil impacts due to VOC and PAH at soil boring locations S-3, S-4 S-7, S-8, S-12, S-13, and,
- The site may not be used for non-industrial purposes.

Information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit http://dnr.wi.gov/org/aw/rr/gis/index.htm.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Annette Weissbach at 920-662-5165.

Sincerely,

Bruce Urben / RNC

Bruce Urben
Northeast Region Remediation & Redevelopment Team Supervisor

cc: John Link – STS Consultants, 1035 Kepler Driver, Green Bay WI 54311

Roland Geerdts Tract

The South 632.5 feet of the north 1139 feet of Gov't Lot 1

(518.3) feet of Government Lot Two (2), all being in Section Twenty-four (24), Township Twenty-one (21) North, Range Twenty-four (24) East, Town of Two Creeks.

-also-

The Southeast one-quarter (SE¼) of the Northeast one-quarter (NE¼), and the East one-half (E½) of the Southwest one-quarter (SW¼) of the Northeast one-quarter (NE¼) of Section Twenty-three (23), Township Twenty-one (21) North, Range Twenty-four (24) East, Town of Two Creeks, excepting therefrom the following described parcel of land: A parcel of land in the Southeast one-quarter (SE¼) of the Northeast one-quarter (NE¼) of said Section Twenty-three (23), being more particularly described as follows: Commencing at the northeast corner of the South one-half (S½) of said Northeast one-quarter (NE¼); running thence south along the east section line of said Section Twenty-three (23), a distance of three hundred seventy-five (375) feet to the point of beginning; continuing thence south on said east section line a distance of seventy-five (75) feet to a point; thence west a distance of two hundred eighty (280) feet; thence north a distance of seventy-five (75) feet; thence east a distance of two hundred eighty (280) feet to the point of beginning.

-also-

The east two (2) acres of the Southeast one-quarter (SE¼) of the Northwest one-quarter (NW¼) of Section Twenty-three (23), Township Twenty-one (21) North, Range Twenty-four (24) East, Town of Two Creeks, excepting the north twenty (20) feet thereof.

-also-

The West one-half (W½) of the Southwest one-quarter (SW¼) of the Northeast one-quarter (NE¼) of Section Twenty-three (23), Township Twenty-one (21) North, Range Twenty-four (24) East, Town of Two Creeks, excepting therefrom the following described parcel of land: Beginning at the northwest corner of the Southwest one-quarter (SW¼) of the Northeast one-quarter (NE¼) of said Section Twenty-three (23); thence due south twenty (20) feet; thence in a northeasterly direction to a point in the north line of said Southwest one-quarter (SW¼) of the Northeast one-quarter (NE¼) of Section Twenty-three (23), which point is twenty (20) feet east of the point of beginning; thence due west to the point of beginning.

No. 425718

ROLAND GEERDTS and wife, and

WILLIAM GEERDTS, a single man

TO

WISCONSIN MICHIGAN POWER COMPANY

Warranty Deed

This instrument should be immediately placed on file to avoid trouble and litigation.

This space reserved for Register of Deeds

Microfilmed JUN 21 1983

118670

REGISTER'S OFFICE } ss
Manitowoc County, Wis.
RECEIVED FOR RECORD
1966 SEP 15 AM 9 27
at ___ o'clock ___ M. and recorded
in Vol. 381 of Records on page 312

Microfilmed JAN 23 1984

Register

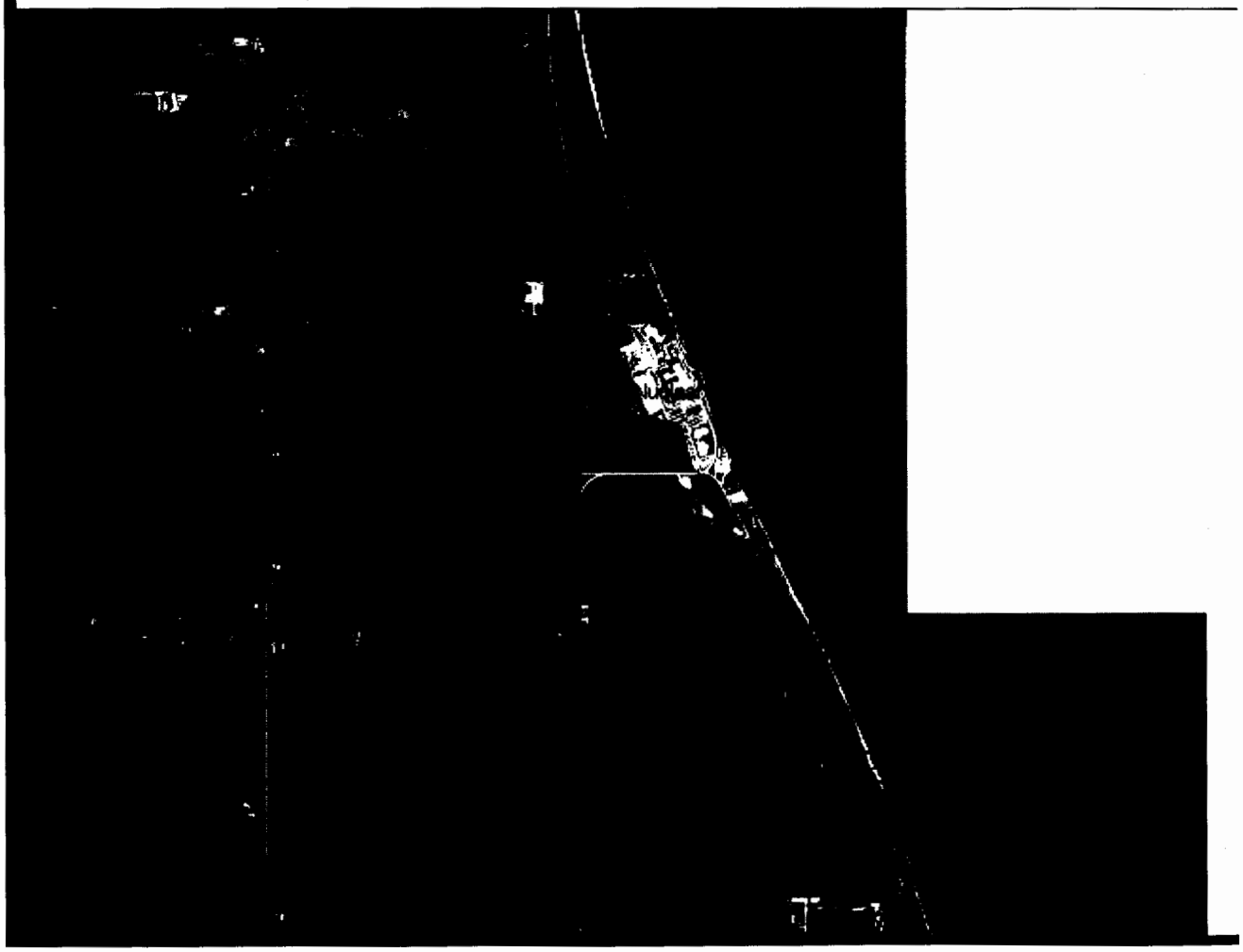
Return to
Mr. O. F. Koake, Room 452
Wisconsin Michigan Power Company
231 West Michigan Street
Milwaukee, Wisconsin 53201

WISCONSIN LEGAL BLANK COMPANY
MILWAUKEE, WISCONSIN

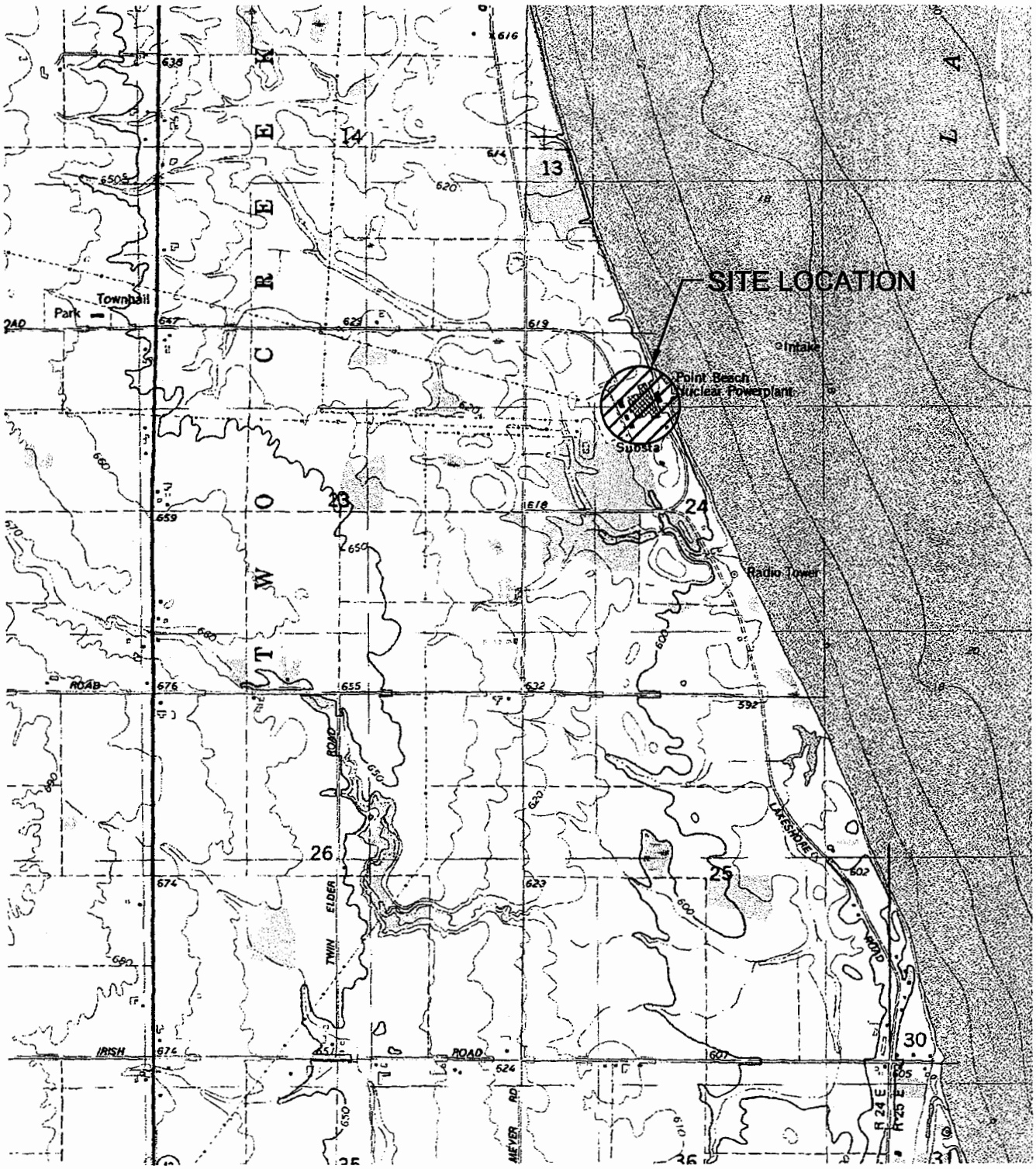
1.00
1.50 Mich Pd

MANITOWOC PROPERTY MAP REPORT

Parcel Number:	017-024-000-000.00
Primary Owner:	N/A
Secondary Owner:	N/A
Mailing Address (1):	231 W MICHIGAN STREET
Mailing Address (2):	
Mailing City, State, Zip:	MILWAUKEE WI 53201-0000
Site Address:	6610 NUCLEAR RD
Municipality:	TOWN OF TWO CREEKS
Deed Volume:	592
Deed Page:	403
Acres:	343.400
Legal Desription:	592-403 GOVT. LOTS 1,2,3 & 4 OF FRACTIONAL SECTION 24 NW1/4 SW1/4 & S1/2 SW1/4 & SW1/4 NW1/4 S.
School District:	MISHICOT SCHL DIST
Tax Year:	2006
Total Land Value:	$0.00
Total Improvements:	$0.00
Total Value:	$0.00
Fair Market Value:	$0.00
Total Taxed:	$0.00



MAP SOURCE: TWO RIVERS, WISCONSIN 7.5-MINUTE U.S.G.S. QUADRANGLE DATED 1978.



STS CONSULTANTS
1035 Kepler Drive
Green Bay, WI 54311
920-468-1978
www.stsconsultants.com
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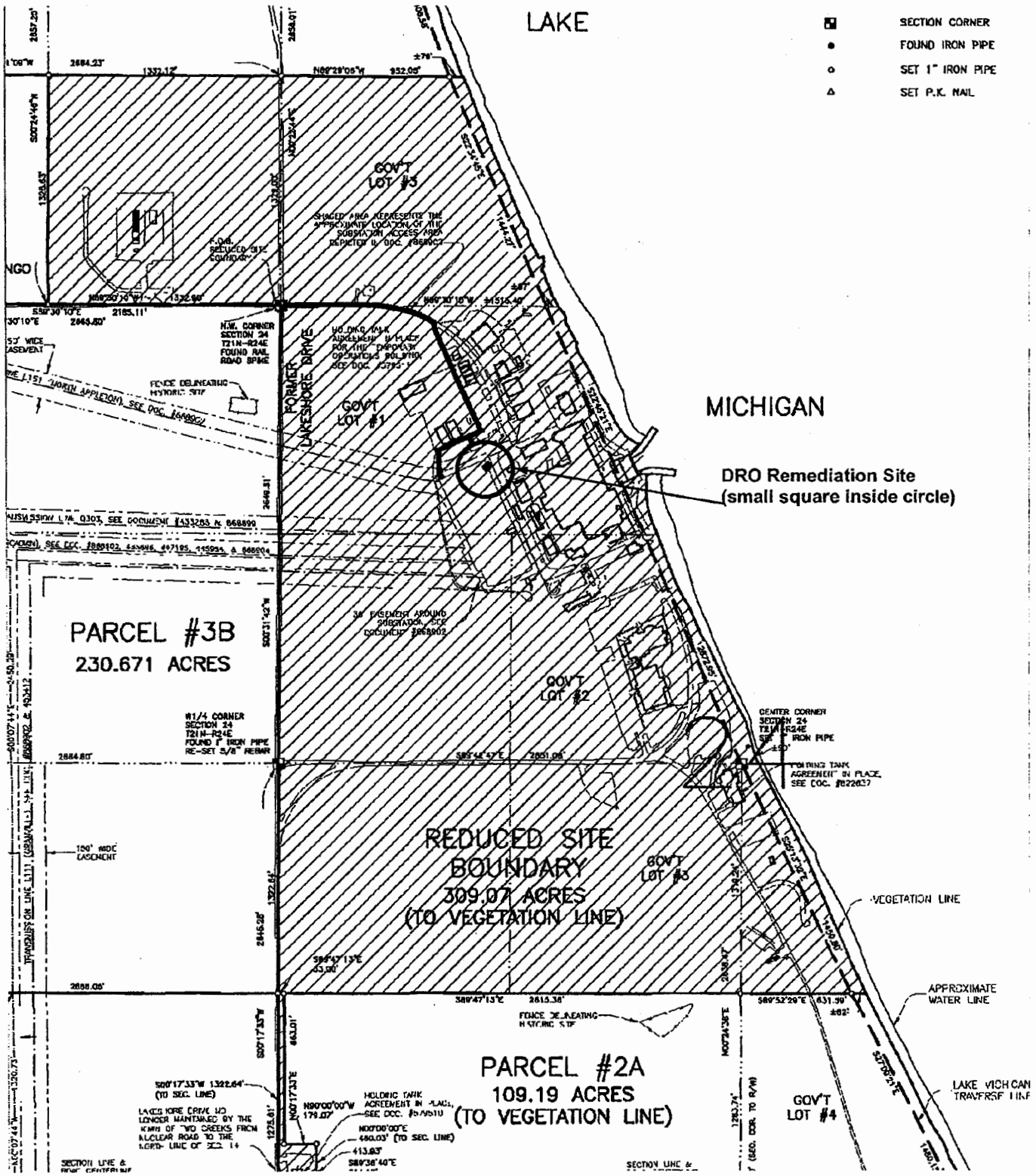
POINT BEACH NUCLEAR PLANT
6610 NUCLEAR ROAD
TWO RIVERS, WISCONSIN

SITE LOCATION MAP

Drawn:	DJM	1/24/2007
Checked:	JEL	1/24/2007
Approved:		
PROJECT NUMBER	200606155	
FIGURE NUMBER	Figure 1A	

X:\PROJECTS\200606155\Dwg\G200606155-SITE.dwg; 6/11/2007 10:08:57 AM; MLEZIVA, DAN J.



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POINT BEACH NUCLEAR PLANT
6610 NUCLEAR ROAD
TWO RIVERS, WISCONSIN

SITE LOCATION MAP - DETAIL

Drawn:	DJM	1/24/2007
Checked:	JEL	1/24/2007
Approved:		
PROJECT NUMBER	200606155	
FIGURE NUMBER	Figure 1B	

X:\PROJECTS\200606155\Dwg\G200606155-SITE.dwg; 6/11/2007 10:23:27 AM; MLEZIVA, DAN J.

Table 1
Pre-Remediation Soil Analytical Results
WE Energies
Historic Diesel Release
Two Rivers, Wisconsin

Boring	B-1		B-2		B-3		B-4		B-5		NR 720 RCL		NR 746	Suggested Generic RCL[1]	
Sample Number	S-1	S-2	S-1	S-2	S-1	S-2	S-1	S-2	S-1	S-2	Groundwater Pathway	Non-Industrial Direct Contact Pathway	Soil Screening Levels	Groundwater Pathway	Non-Industrial Direct Contact Pathway
Depth (ft)	1.5	3.1	1.4	2.8	1.5	3.0	1.5	3.1	2.8	4.8					
Date	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04					
Diesel Range Organics	<3.8	<4.0	<3.9	<4.1	4.3	<4.1	13	7.1	1300	220					
PAHs	***Concentration (ug/kg)***														
1-Methylnaphthalene	<2.5	<2.5	<2.6	<2.8	<2.5	<2.6	<2.4	<2.5	610	790	NL	NL	NL	23,000	1,100,000
2-Methylnaphthalene	<3.5	<3.5	<3.7	<4.0	<3.6	<3.7	<3.4	<3.6	160	930	NL	NL	NL	20,000	600,000
Acenaphthene	<1.7	2.5	3.4	<2.0	<1.7	<1.8	<1.7	<1.7	190	82	NL	NL	NL	38,000	900,000
Acenaphthylene	<6.0	<6.1	<6.4	<6.9	<6.1	<6.3	<5.9	<6.2	20 (Q)	25	NL	NL	NL	700	18,000
Anthracene	<2.3	7.8	11	<2.7	<2.4	<2.4	<2.3	<2.4	250	34	NL	NL	NL	3,000,000	5,000,000
Benzo(a)anthracene	<13	22	28	<15	<14	<14	<13	<14	200	<14	NL	NL	NL	17,000	88
Benzo(a)pyrene	<11	20	24	<12	<11	<11	<11	<11	160	<11	NL	NL	NL	48,000	8.8
Benzo(b)fluoranthene	<8.8	18	19	<10	<9.0	<9.3	<8.7	<9.1	130	<9.0	NL	NL	NL	360,000	88
Benzo(g,h,i)perylene	<6.0	11	16	<6.9	<6.1	<6.3	<5.9	<6.1	69	<6.1	NL	NL	NL	6,800,000	1,800
Benzo(k)fluoranthene	<12	17	22	<14	<12	<13	<12	<12	130	<12	NL	NL	NL	870,000	880
Chrysene	<12	22	28	<14	<13	<13	<12	<13	180	<13	NL	NL	NL	37,000	8,800
Dibenzo (a,h)anthracene	<3.6	<3.6	<3.8	<4.1	<3.6	<3.8	<3.5	<3.7	20(Q)	<3.6	NL	NL	NL	38,000	8.8
Fluoranthene	10	49	64	<12	<10	<11	<10	<10	650	15	NL	NL	NL	500,000	600,000
Fluorene	<1.4	2.4	3.5	<1.6	<1.5	<1.5	<1.4	<1.5	240	150	NL	NL	NL	100,000	600,000
Indeno(1,2,3-cd)pyrene	<5.7	11	15	<6.5	<5.8	<6.0	<5.6	<5.8	71	<5.8	NL	NL	NL	680,000	88
Naphthalene	<2.6	<2.7	<2.8	<3.0	<2.7	<2.8	<2.6	<2.7	95	250	NL	NL	2700	400	20,000
Phenanthrene	<6.1	27	38	<7.0	<6.2	<6.4	<6.0	<6.2	970	370	NL	NL	NL	1,800	18,000
Pyrene	<13	36	47	<15	<14	<14	<13	<14	520	25	NL	NL	NL	8,700,000	500,000

Notes:

(mg/kg) = milligrams per kilogram ; (ug/kg) = micrograms per kilogram; < = analyte not detected above method detection limit ; - - - = not analyzed ; RCL = Residual Contaminant Level ; NL = No Generic Limit Specified by WDNR

M = matrix effect present; Q = analyte detected at concentration between limit of detection and limit of quantification

[1]Suggested RCL established in WDNR Interim Guidance RR-519-97

Exceedance of the NR 720 RCL or suggested PAH RCL indicated by: **100**

Exceedance of the NR 746 Soil Screening Level indicated by: **100**

Table 1
Pre-Remediation Soil Analytical Results
WE Energies
Historic Diesel Release
Two Rivers, Wisconsin

Boring	B-1		B-2		B-3		B-4		B-5		NR 720 RCL		NR 746	Suggested Generic RCL[1]	
Sample Number	S-1	S-2	S-1	S-2	S-1	S-2	S-1	S-2	S-1	S-2	Groundwater Pathway	Non-Industrial Direct Contact Pathway	Soil Screening Levels	Groundwater Pathway	Non-Industrial Direct Contact Pathway
Depth (ft)	1.5	3.1	1.4	2.8	1.5	3.0	1.5	3.1	2.8	4.8					
Date	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04					
VOCs	***Concentration (ug/kg)***														
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
1,1-Dichloropropene	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
1,2,4-Trimethylbenzene	<25	<25	<25	<25	1,600	<25	<25	<25	1,100	230	NL	NL	83000	NL	NL
1,2-Dibromo-3-chloropropane	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
1,2-Dibromoethane	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	4.9	NL	600	NL	NL
1,2-Dichloropropane	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
1,3,5-Trimethylbenzene	<25	<25	<25	<25	460	<25	<25	<25	400	410	NL	NL	11000	NL	NL
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
1,3-Dichloropropane	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
2,2-Dichloropropane	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
2-Chlorotoluene	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
4-Chlorotoluene	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Benzene	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	5.5	NL	8500	NL	NL

Notes:

(mg/kg) = milligrams per kilogram ; (ug/kg) = micrograms per kilogram; < = analyte not detected above method detection limit ; - - - = not analyzed ; RCL = Residual Contaminant Level ; NL = No Generic Limit Specified by WDNR

M = matrix effect present; Q = analyte detected at concentration between limit of detection and limit of quantification

[1]Suggested RCL established in WDNR Interim Guidance RR-519-97

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Exceedance of the NR 746 Soil Screening Level indicated by: **100**

Table 1
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WE Energies
Historic Diesel Release
Two Rivers, Wisconsin

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Sample Number	S-1	S-2	S-1	S-2	S-1	S-2	S-1	S-2	S-1	S-2	Groundwater Pathway	Non-Industrial Direct Contact Pathway	Soil Screening Levels	Groundwater Pathway	Non-Industrial Direct Contact Pathway
Depth (ft)	1.5	3.1	1.4	2.8	1.5	3.0	1.5	3.1	2.8	4.8					
Date	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04					
VOCs, continued	***Concentration (ug/kg)***														
Bromobenzene	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Bromochloromethane	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Bromodichloromethane	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Bromoform	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Bromomethane	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Carbon tetrachloride	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Chlorobenzene	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Chlorodibromomethane	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Chloroethane	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Chloroform	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Chloromethane	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
cis-1,3-dichloropropene	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Dibromomethane	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Dichlorodifluoromethane	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Diisopropyl ether	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Ethylbenzene	<25	<25	<25	<25	430	<25	<25	<25	<50	34	2900	NL	4600	NL	NL
Fluorotrichloromethane	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Hexachlorobutadine	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Isopropylbenzene	<25	<25	<25	<25	300	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Methylene chloride	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Methyl tert-butyl ether	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Naphthalene	<25	<25	<25	<25	**1800**	35 Q	<25	<25	700	500	NL	NL	2700	400	20000
n-Butylbenzene	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL

Notes:

(mg/kg) = milligrams per kilogram ; (ug/kg) = micrograms per kilogram; < = analyte not detected above method detection limit ; - - - = not analyzed ; RCL = Residual Contaminant Level ; NL = No Generic Limit Specified by WDNR

M = matrix effect present; Q = analyte detected at concentration between limit of detection and limit of quantification

[1]Suggested RCL established in WDNR Interim Guidance RR-519-97

Exceedance of the NR 720 RCL or suggested PAH RCL indicated by: **100**

Exceedance of the NR 746 Soil Screening Level indicated by: **100**

Table 1
Pre-Remediation Soil Analytical Results
WE Energies
Historic Diesel Release
Two Rivers, Wisconsin

Boring	B-1		B-2		B-3		B-4		B-5		NR 720 RCL		NR 746	Suggested Generic RCL[1]	
Sample Number	S-1	S-2	S-1	S-2	S-1	S-2	S-1	S-2	S-1	S-2	Groundwater Pathway	Non-Industrial Direct Contact Pathway	Soil Screening Levels	Groundwater Pathway	Non-Industrial Direct Contact Pathway
Depth (ft)	1.5	3.1	1.4	2.8	1.5	3.0	1.5	3.1	2.8	4.8					
Date	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04	10/11/04					
VOCs, continued	***Concentration (ug/kg)***														
n-Propylbenzene	<25	<25	<25	<25	490	<25	<25	<25	<50	34	NL	NL	NL	NL	NL
p-Isopropyltoluene	<25	<25	<25	<25	610	<25	<25	<25	480	130	NL	NL	NL	NL	NL
sec-Butylbenzene	<25	<25	<25	<25	500	<25	<25	<25	91	36	NL	NL	NL	NL	NL
Styrene	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
tert-Butylbenzene	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Tetrachloroethene	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Toluene	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	1500	NL	38000	NL	NL
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
trans-1,3-dichloropropene	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Trichloroethene	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Vinyl chloride	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	NL	NL	NL	NL	NL
Xylenes, total	<75	<75	<75	<75	496	<75	<75	<75	<150	<75	4100	NL	42000	NL	NL

Notes:

(mg/kg) = milligrams per kilogram ; (ug/kg) = micrograms per kilogram; < = analyte not detected above method detection limit ; - - - = not analyzed ; RCL = Residual Contaminant Level ; NL = No Generic Limit Specified by WDNR

M = matrix effect present; Q = analyte detected at concentration between limit of detection and limit of quantification

[1]Suggested RCL established in WDNR Interim Guidance RR-519-97

Exceedance of the NR 720 RCL or suggested PAH RCL indicated by: **100**

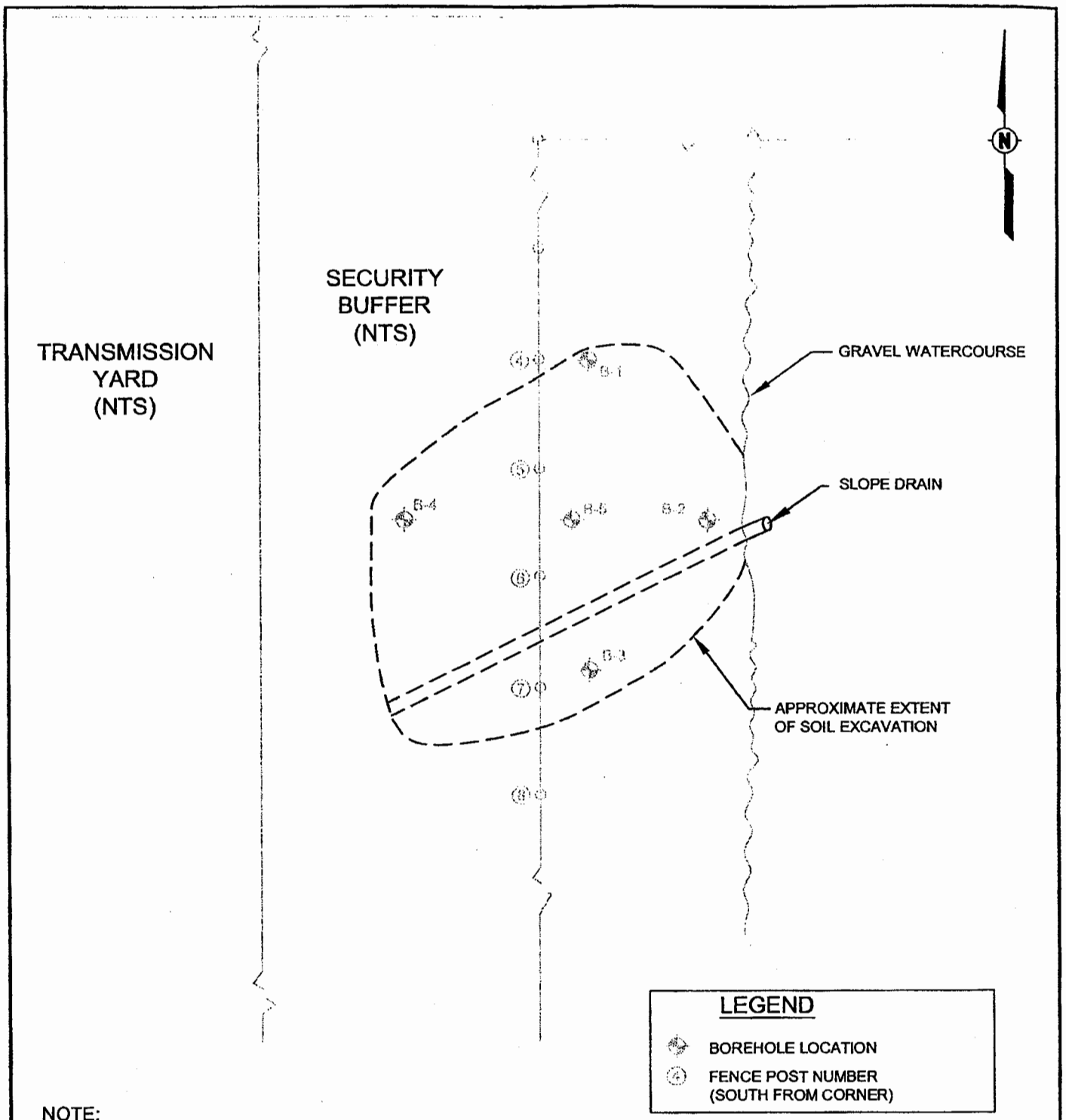
Exceedance of the NR 746 Soil Screening Level indicated by: **100**

Table 2
Post-Remediation Soil Analytical Results - Excavation Sampling
Point Beach Nuclear Power Plant
Two Rivers, Wisconsin

																NR 746 - Values	
	Sample No.	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	NR 720 RCL Groundwater Pathway	Table 1 Soil Screening	Table 2 Direct Contact
	Sample Depth (fbgs)	5.5	5.5	4.5	9.5	11.0	3.5	5.0	8.0	1.5	3.0	4.5	1.5	6.0			
	Location	Base	Base	N. Sidewall	Base	Base	NW Sidewall	W. Sidewall	W. Sidewall	NE Sidewall	SW Sidewall	S. Sidewall	SE Sidewall	Base			
	Material	Native Clay	Native Clay	Clay Fill	Native Clay	Native Clay	Clay Fill	Clay Fill	Contaminated*	Clay Fill	Clay Fill	Clay Fill	Clay Fill				
PVOC	***Units***																
1,2,4-Trimethylbenzene	(µg/kg)	<25	<25	<25	<25	<25	<25	<25	40,000	<25	<25	<25	<25	<25		83,000	--
1,3,5-Trimethylbenzene	(µg/kg)	<25	<25	<25	<25	<25	<25	<25	21,000	<25	<25	<25	<25	<25		11,000	--
Benzene	(µg/kg)	<25	<25	<25	160	<25	<25	<25	<620	<25	<25	<25	<25	<25	5.5	8,500	1,100
Ethylbenzene	(µg/kg)	<25	<25	<25	<25	<25	<25	<25	1,300	<25	<25	<25	<25	<25	2,900	4,600	--
MTBE	(µg/kg)	<25	<25	<25	<25	<25	<25	<25	<620	<25	<25	<25	<25	<25		--	--
Toluene	(µg/kg)	<25	<25	<25	<25	<25	<25	<25	<620	<25	<25	<25	<25	<25	1,500	38,000	--
Xylenes	(µg/kg)	<75	<76	<75	<75	<75	<75	<75	16,400	<75	<75	<75	<75	<75	4,100	42,000	--

															Suggested Generic PAH RCLs (WDNR Interim PAH Guidance, 1997)		
															Groundwater Pathway	Direct Contact Pathway RCL	
																Non-Industrial	Industrial
PAHs																	
1-Methylnapthalene	(µg/kg)	<3.4	<3.5	<3.2	<3.4	3.6	<3.3	<3.4	12,000	<3.5	<3.2	<3.4	39	<3.5	23,000	1,100,000	70,000,000
2-Methylnapthalene	(µg/kg)	<3.5	<3.6	<3.4	<3.6	5	<3.4	<3.5	18,000	<3.6	<3.3	<3.5	56	<3.6	20,000	600,000	40,000,000
Acenaphthene	(µg/kg)	<3.3	<3.4	<3.2	<3.4	<3.5	<3.3	<3.3	630	<3.4	<3.1	<3.3	4.5	<3.5	38,000	900,000	60,000,000
Acenapthylene	(µg/kg)	<3.2	<3.3	<3.1	<3.3	<3.4	<3.2	<3.2	260	<3.3	<3.0	<3.2	<3.4	<3.3	700	18,000	360,000
Anthracene	(µg/kg)	<4.0	<4.1	3.9	<4.0	<4.2	<3.9	<4.0	290	<4.1	<3.7	<4.0	5.1	11	3,000,000	5,000,000	300,000,000
Benzo(a)anthracene	(µg/kg)	<6.0	<6.1	12	<6.0	<6.2	<5.8	11	<200	<6.1	<5.6	<5.9	22	96	17,000	88	3,900
Benzo(a)pyrene	(µg/kg)	6.2	<3.3	16	<3.3	<3.4	<3.2	11	<110	3.7	<3.0	3.3	35	21	48,000	8.8	390
Benzo(b)fluoranthene	(µg/kg)	6.8	<3.2	14	<3.2	<3.3	<3.1	9.2	<110	3.3	<3.0	<3.1	45	85	360,000	88	3,900
Benzo(g,h,i)perylene	(µg/kg)	11	<4.1	8.7	4.1	<4.2	<3.9	6.8	<130	<4.1	<3.7	<4.0	39	15	6,600,000	1,800	39,000
Benzo(k)fluoranthene	(µg/kg)	5.7	<3.5	16	<3.5	<3.6	<3.4	12	<120	4.0	<3.2	3.6	39	80	870,000	880	39,000
Chrysene	(µg/kg)	7.3	<5.0	12	<5.0	<5.1	<4.8	11	<160	<5.0	<4.6	<4.9	34	150	37,000	8,800	390,000
Dibenzo(a,h)anthracene	(µg/kg)	4.3	<3.1	3.4	<3.1	<3.2	<3.0	<3.1	<100	<3.2	<2.9	<3.1	9.7	<3.2	38,000	8.8	390
Fluoranthene	(µg/kg)	4.2	<3.3	24	<3.3	<3.4	4.0	16	<110	4.9	<3.0	4.2	59	240	500,000	600,000	40,000,000
Fluorene	(µg/kg)	<3.8	<3.9	<3.7	<3.9	<4.0	<3.8	<3.8	1,200	<3.9	<3.6	<3.8	8.0	<4.0	100,000	600,000	40,000,000
Indeno(1,2,3-cd)pyrene	(µg/kg)	4.8	<2.9	7.7	<2.9	<3.0	<2.8	5.7	<95	<2.9	<2.6	<2.8	30	14	680,000	88	3,900
Naphthalene	(µg/kg)	<4.5	<4.6	<4.3	<4.6	4.8	<4.4	<4.5	3,200	<4.6	<4.2	<4.5	11	<4.7	400	20,000	110,000
Phenanthrene	(µg/kg)	<3.3	<3.4	10	<3.3	<3.5	<3.2	7.0	3,000	<3.4	<3.1	<3.3	34	23	1,800	18,000	390,000
Pyrene	(µg/kg)	6.2	<2.8	18	<2.8	<2.9	3.3	15	130	4.7	<2.6	3.7	43	290	8,700,000	500,000	30,000,000

Notes:
fbgs = feet below ground surface
MTBE = Methyl Tert-butyl Ether
RCL = Residual Contaminant Level
mg/kg = micrograms per kilogram
* - Representative sample of material remaining in place to the west.
50 Exceedance of Bold NR 720, NR 746, or Suggested PAH RCL.



NOTE:
SCALE BETWEEN FENCES AND DETAIL OTHER THAN THE FENCE IMMEDIATELY ADJACENT TO THE RELEASE AREA HAS BEEN OMITTED AS PART OF ON GOING SECURITY.

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EXCAVATION LOCATION MAP
HISTORIC DIESEL RELEASE
POINT BEACH FACILITY
6610 NUCLEAR ROAD
TWO RIVERS, WISCONSIN

Drawn:	DJM	11/2/2006
Checked:	JEL	11/2/2006
Approved:		
PROJECT NUMBER	4-29152XF	
FIGURE NUMBER	2	

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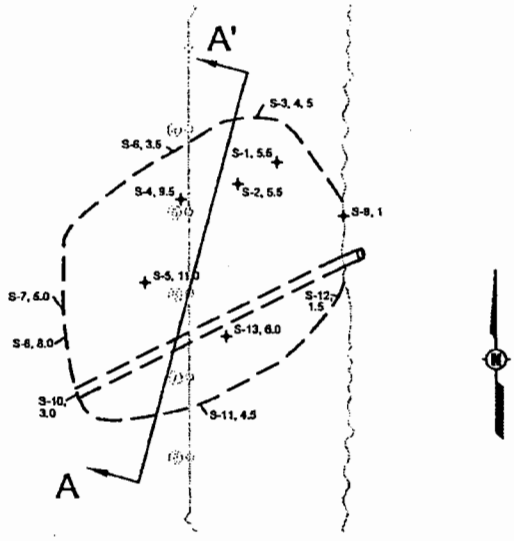
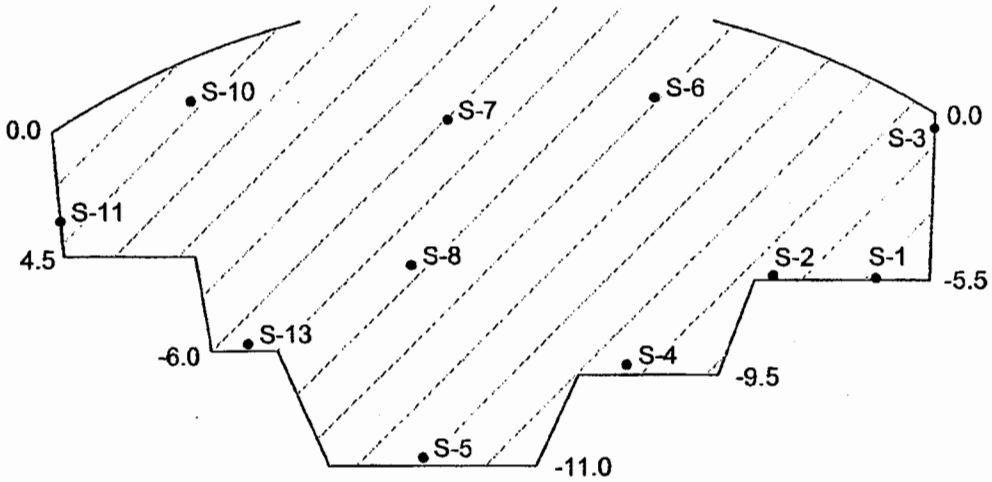


CROSS SECTION INDEX



CROSS SECTION

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CROSS SECTION
HISTORIC DIESEL RELEASE
POINT BEACH FACILITY
6610 NUCLEAR ROAD
TWO RIVERS, WISCONSIN

Drawn:	DJM	11/2/2006
Checked:	JEL	11/2/2006
Approved:		
PROJECT NUMBER	4-29152XF	
FIGURE NUMBER	3	

X:\PROJECTS\200606155\dwg\G200606155_FIG1_2_3.dwg, FIG3, 5/1/2007 1:41:25 PM

STATEMENT OF PROPERTY LEGAL DESCRIPTION

As required by s.NR726.05(3) of the Wisconsin Administrative Code, I am providing this signed statement that to the best of my knowledge the legal descriptions that are attached to this statement are complete and accurate for the WE Energies site located at 6610 Nuclear Road, Two Rivers, Wisconsin.

Description provided by WE Energies:

> "Government Lot 1, Section 24, Township 21 North, Range 24 East, Town of Two Creeks, Manitowoc County. Parcel ID # is 017-024-000-000.00 but that ID# contains a much larger area than Government Lot 1. That parcel # also contains Gov't Lots 2, 3 and 4 of said Section 24 as well as the NW 1/4 of the SW 1/4, the S 1/2 of the SW 1/4 and the SW 1/4 of the NW 14 of said Section 24 - which is all the land from Tapawingo Road on the north (as though extended to Lake Michigan), Lakeshore Road on the west and Nuclear Road on the south."
>
> The DRO Remediation Site is identified in the area of the small square within the circle on attached Figure 1B.

X Dennis L Koehl Date 5/10/07
(Signature)

Dennis L. Koehl
(Name)

Site Vice President
(Title)

Nuclear Management Company
(Company)

Note: this form was prepared by STS Consultants utilizing property information provided by WE Energies.