PMFermiCOLNPEm Resource

From: Norman K Peterson [petersonn@dteenergy.com]
Sent: Tuesday, July 21, 2009 2:54 PM
To: Lemont, Stephen; Hale, Jerry; Tonacci, Mark; Peter W Smith; LaShawn G Green; Randall D Westmoreland
Subject: Original and Draft Revised Fermi Site Layouts
Attachments: Original Fermi Site Layout.pdf; Draft Revised Fermi Site Layout.pdf

Please find attached a copy of the original Fermi Site Layout and a draft copy of the revised Fermi Site Layout. We will be discussing these in the July 23, 2009 call.

The are both in .pdf format and can be read with Adobe Acrobat. The detail is small so you will have to magnify to read them.

Hearing Identifier: Fermi_COL_NonPublic
Email Number: 390

Mail Envelope Properties (OF4053D204.59123AC4-ON852575FA.0067C642-852575FA.0067C6F9)

Subject: Original and Draft Revised Fermi Site Layouts
Sent Date: 7/21/2009 2:53:31 PM
Received Date: 7/21/2009 2:53:58 PM
From: Norman K Peterson

Created By: petersonn@dteenergy.com

Recipients:
"Lemont, Stephen" <Stephen.Lemont@nrc.gov>
Tracking Status: None
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"LaShawn G Green" <greenl@dteenergy.com>
Tracking Status: None
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Tracking Status: None

Post Office: dteenergy.com

Files	**Size**	**Date & Time**
MESSAGE	303	7/21/2009 2:53:58 PM
Original Fermi Site Layout.pdf	2357311	
Draft Revised Fermi Site Layout.pdf	260276	

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

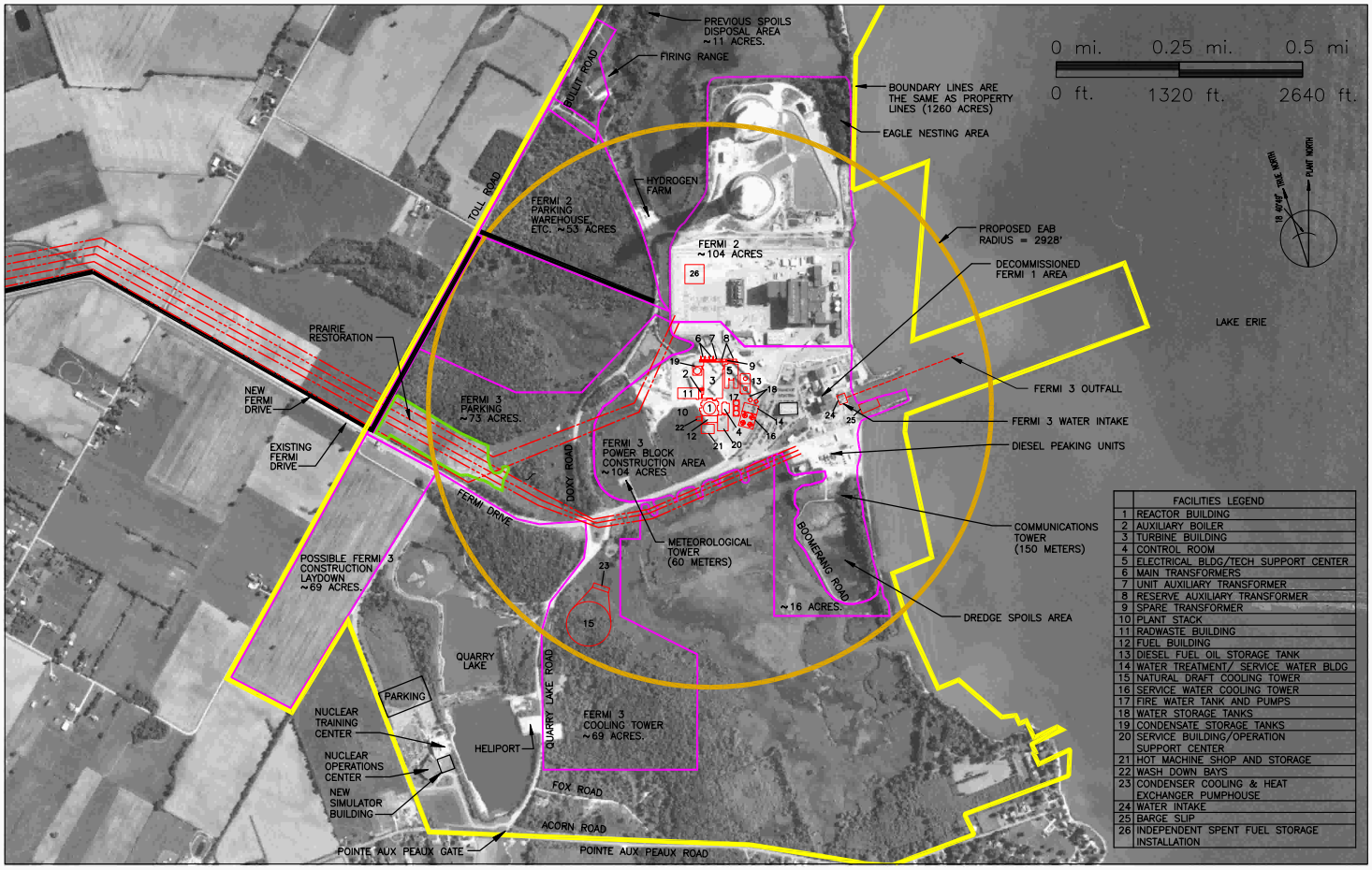
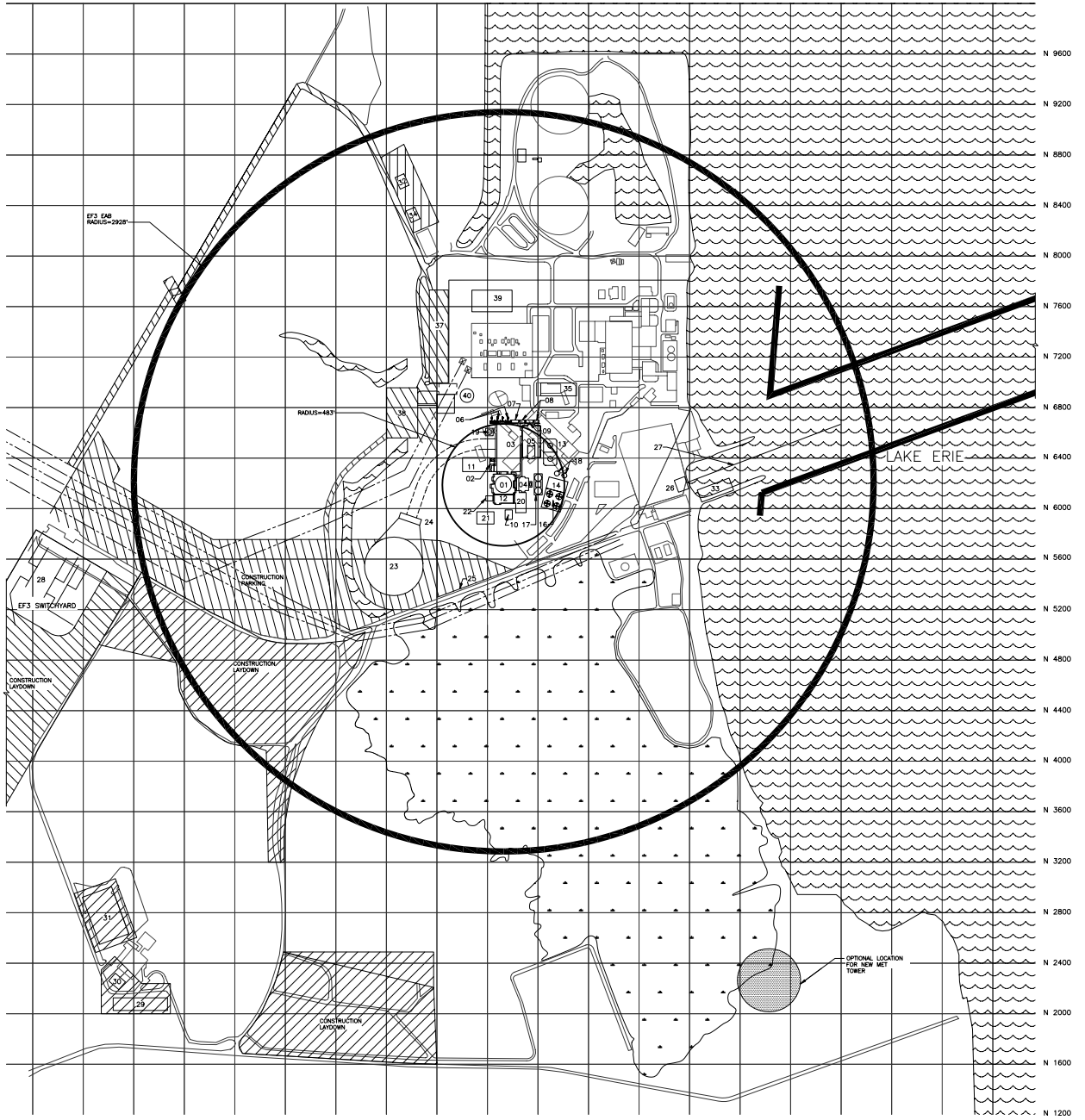


Figure 2.1-4 Fermi 3 Site Plan



FACILITIES LEGEND

ID	FACILITY	FOUNDATION	TIEDOWN LOCATION NORTH	TIEDOWN LOCATION EAST	REMARKS
01	REACTOR BUILDING		–	–	
02	AUXILIARY BOILER		–	–	
03	TURBINE BUILDING		–	–	
04	CONTROL ROOM		–	–	
05	ELECTRICAL BLDG/TECH SUPPORT CENTER		–	–	
06	MAIN TRANSFORMERS		–	–	
07	UNIT AUXILIARY TRANSFORMER		–	–	
08	RESERVE AUXILIARY TRANSFORMER		–	–	
09	SPARE TRANSFORMER		–	–	
10	ADB		–	–	
11	RADWASTE BUILDING		–	–	
12	FUEL BUILDING		–	–	
13	DIESEL FUEL OIL STORAGE TANK		–	–	
14	WATER TREATMENT/SERVICE WATER BLDG		–	–	
15	NOT USED		–	–	
16	SERVICE WATER COOLING TOWER		–	–	
17	FIRE WATER TANK AND PUMPS		–	–	
18	WATER STORAGE TANKS		–	–	
19	CONDENSATE STORAGE TANK		–	–	
20	SERVICE BUILDING/OPERATION SUPPORT CENTER		–	–	
21	HOT MACHINE SHOP AND STORAGE		–	–	
22	WASH DOWN BAYS		–	–	
23	NPHS COOLING TOWER		–	–	
24	PUMPHOUSE		–	–	
25	SECURITY BOUNDARY		–	–	
26	STATION WATER INTAKE		–	–	
27	CIRC WATER OUTFALL		–	–	
28	EF3 SWITCHYARD		–	–	
29	EF2/EF3 ADMIN BUILDING		–	–	
30	EF3 SIMULTOR		–	–	
31	PARKING GARAGE		–	–	
32	EF2/EF3 HAZARDOUS WASTE WAREHOUSE				
33	BARGE SLIP				
34	RAD MATERIAL WAREHOUSE				
35	EF2/EF3 MAINTENANCE SHOPS				
36	NOT USED				
37	EF2/EF3 COMMON WAREHOUSE				
38	PARKING GARAGE AND EF3 SHOPS				
39	ISFSI				
40	PAP/MB				

NOTES

OPEN
12/30/08

NOT TO BE USED
FOR CONSTRUCTION

NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP
B	05-29-07	ISSUED FOR CLIENT REVIEW RAR-0028	CSS	SDT	ADE	SDT	RAC
A	05-17-07	ISSUED FOR REVIEW RFR-0026	CSS				

300' 150' 0 300' 600'
1"=300'

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF
SIGNED
DATE REG NO.

BLACK & VEATCH CORPORATION

ENGINEER DRAWN CSS
CHECKED DATE

DETROIT EDISON
FERMI 3 COLA

GENERAL ARRANGEMENT
ESBWR SITE ARRANGEMENT

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ACAD 16.1s (LMS Tech)
A-F1