

Fermi2LRANPEm Resource

From: Randall D Westmoreland [westmorelandr@dteenergy.com]
Sent: Wednesday, August 27, 2014 6:16 PM
To: Perkins, Leslie
Cc: Lynne S Goodman; Bill McDermott; Angela Rudolph; Kim Stapleton; Rick Buckley
Subject: Fermi 2 Environmental Audit Schedule
Attachments: 8 27 14 Version 4 NRC Audit Schedule.xlsx

Hi Leslie,

Here is the latest and greatest schedule for the environmental audit. This includes the changes you gave to Lynne and one other item. We moved the radiation protection, radwaste, mixed waste breakout session from

Thursday to Wednesday so it occurs immediately after the tour from 1100 to 1200. Please let me know when this looks final, then we will send out calendar invites to all our people. Regards.

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CARING ABOUT THE ENVIRONMENT IS THE NATURE OF
OUR JOB.

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From: Randall D Westmoreland

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NRC Audit Needs List Audit Schedule

Day/Time	Tour	Room or Resources Needed	219 NTC	214 NTC	235 NTC	NRC SME	DTE SME(s)	Enercon/Energy SME	Notes
Tuesday 9/9/14									
0800-0915	General Plant Information, Safety Briefing, Orientation and References	NTC Auditorium				All	Invite All - Optional	Invite All - Optional	
0915-0930	Break					All	All	All	
0930-1015	Site Entrance Meeting	NTC Auditorium				All	Invite All - Optional	Invite All - Optional	
1030-1200	General Site tour - Meet outside the NTC; Presenter R. Westmoreland	Bus, Bull Horn for speaking. Laminated Tour Maps				All	NA	Invite All - Optional	
1200-1300 Lunch NTC Auditorium									
1300-1400				Socioeconomics Breakout Session		Jeff Rikhoff	Raymond Carson B. McDermott Tom Dong (S)	Rachel Turney-Work--on conference line Kim Stapleton	Discussion with knowledgeable DTE staff or contractors on the various site audit needs requests for socioeconomics resource area.
1300-1600	Radiation Protection, Radwaste/Mixed Waste Tour	Protected area and RRA Access Approval; sturdy shoes with leather upper/all cotton clothing, PPE				Bill Rautzen	Bryan Weber Barry Muller Tom Vandermey Paul Southwell John Tibai (S)	R. Buckley	a. General tour of plant site and buildings b. Radiation protection/access control areas. c. Tour of the low-level radioactive waste storage and processing areas, including mixed waste and radioactive effluent monitoring equipment and release points. Note: Access to the radiation restricted area is required.
1300-1500	Historical and Cultural Resources Tour	Van, Tour Map, sturdy boots, field clothes, bug spray				Emily Larson Robert Hoffman Russel Chazell	R. Westmoreland Kevin Lynn (S)	Don Weir, CCRG	a. General site tour b. Tour of archaeological sites and architectural resources within Fermi property, preferably led by an archaeologist or staff familiar with location of cultural resources within the Fermi property.
1500-1600				Historical and Cultural Resources Breakout Session		Emily Larson Robert Hoffman Russel Chazell	R. Westmoreland Kevin Lynn (S)	Don Weir, CCRG	a. Provide knowledgeable applicant staff familiar with the cultural resources within the Fermi property to review cultural resource management procedures to determine how they manage resources, avoid impacting historic and cultural resources, and deal with inadvertent discovery of historic and cultural resources and human remains. Is any cultural resource training required for staff? Additionally, I would like to discuss the status of ongoing mitigation within the Fermi property related to Fermi 1 and 3. b. Provide knowledgeable applicant staff and transmission line maintenance staff to discuss right-of-way maintenance and monitoring and any procedures in place regarding protection of historic and cultural resources along existing transmission line corridors.
1630 - 1700	Daily Debrief	NTC Auditorium				Leslie Perkins	ALL	ALL	
Wednesday 9-10-14									
0800-1100	Meteorology, Air Quality, and Noise Tour	Large Van, Tour Map, protected area access				Nancy Martinez	Rich Slowinski Mark Nederveld Bill McDermott (S) Mike Lebeis	Kim Stapleton	a. General site tour b. Major air emissions and noise resources c. Nearest noise sensitive receptors

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0800-1100	Aquatic, Surface Water, Terrestrial, Land Use Tour	Bus; Need protected area access to visit RHR, Laminated Tour Maps, sturdy boots, bug spray				Dennis Logan Briana Grange Michelle Moser Kevin Folk	Mary Hana John Tibai (S) R. Westmoreland Matt Shackelford B. Muller	Rick Buckley	<p>a. General tour of the site and vicinity including associated intake structures and conveyances (i.e., Lake Erie intake channel and canal area, General Service Water (GSW) system pump house area, Circulating Water Reservoir and Circulating Water Pump House; and blowdown/intake pipeline routings); significant streams and other surface water/effluent management "features" (e.g., chemical waste pondbasin, sewage forwarding station); National Pollutant Discharge Elimination System (NPDES) outfall locations (e.g., blowdown Outfall 001) including the on-shore discharge structure; and Residual Heat Removal Complex.</p> <p>a. Tour of the various terrestrial habitats on the site, including the Lagoona Beach Unit of the Detroit River International Wildlife Refuge and the onsite portion of the transmission line corridor native prairie planting.</p> <p>The hydrology/aquatic ecology team would like a general tour of the site and vicinity including associated intake structures and conveyances (i.e., Lake Erie intake channel and canal area, GSW pump house area, Circulating Water Reservoir and Circulating Water Pump House; and blowdown/intake pipeline routings); significant streams and other surface water/effluent management "features" (e.g., chemical waste pondbasin, sewage forwarding station); NPDES outfall locations (e.g., blowdown Outfall 001) including the on-shore discharge structure; and Residual Heat Removal Complex.</p> <p>Discussion with knowledgeable DTE staff or contractors on the various site audit needs requests for Land Use.</p>
1100-1200				Human Health/Radiation Protection Breakout Session		Bill Rautzen	Tom Vandermey Paul Southwell John Tibai (S) Barry Muller James Stewart	Rick Buckley	<p>Discussion with knowledgeable DTE staff or contractors on the various site audit needs requests for Human Health. Provide an overview of the radiation protection program with emphasis on the as low as reasonably achievable (ALARA) program to control worker radiation exposure (annual dose goals and status). Are there any proposed changes or upgrades to the program being considered during the license renewal term?</p> <p>Radioactive gaseous and liquids effluents: review how the plant processes radioactive effluents to maintain radiation doses to the public to levels that are ALARA. Are there any proposed changes or upgrades to the program being considered during the license renewal term?</p>
1100-1200					Meteorology, Air Quality, and Noise Breakout Session	Nancy Martinez	Mark Nederveld Rich Slowinski Guy Cerullo Mike Lebeis R. Westmoreland B. McDermott (S)	Kim Stapleton Sri Sridharan--on Conference Line Rick Buckley	Provide a knowledgeable individual to discuss the following aspects of facility operations; (1) sources of air pollutants operating at Fermi, (2) air permits and emission inventories, (3) meteorological towers and data, and (4) noise issues and ambient sound level survey conducted
1200-1300	Lunch	NTC Auditorium							
1300-1400				Land Use and Visual Resources Breakout Session		Briana Grange	Randall Westmoreland B. Muller Tom Dong (S)	Kim Stapleton	Discussion with knowledgeable DTE staff or contractors on the various site audit needs requests for Land Use.
1300-1400					Water Resources-Surface Water Breakout Session	Kevin Folk	Mary Hana Bill McDermott (S)	Randall Lantz and Fred Heitman-conference line Rick Buckley	Provide applicant's subject matter expert(s) and/or the contractor(s) responsible for writing the surface water hydrology and quality portions of the ER and who can discuss the plant's intake and circulating water systems, effluent discharges, and affected water resources.
1400-1500					Terrestrial Ecology Breakout Session	Dennis Logan Briana Grange Michelle Moser Kevin Folk	R. Westmoreland M. Shackelford B. Muller Tom Dong (S)	Fred Heitman -conference line Rick Buckley	

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1500-1600					Aquatic Breakout Session	Dennis Logan Briana Grange Michelle Moser Kevin Folk	Mary Hana R. Westmoreland Matt Shackelford John Tibai (S)	Randall Lantz & Fred Heitman-conference line Kim Stapleton	a. Please provide applicant's subject matter expert(s) and/or contractor(s) responsible for writing the surface water hydrology and quality portions of the ER and who can discuss the plant's intake and circulating water systems, effluent discharges, and affected water resources. b. Aquatic biologist would like to participate in the breakout session for terrestrial.
1630 - 1700	Daily Debrief	NTC Auditorium				Leslie Perkins	ALL	ALL	
Thursday 9-11-14									
0800-1000	Non-Rad Waste Management Tour	sturdy shoes, access to protected area				Russell Chazell	M. Nederveld R. Westmoreland (S)	Kim Stapleton	Site tour of storage areas and RCRA 90-day collection points. Also show them some satellite collection areas
0800-1000	REMP Tour	Large Van, Tour Map, sturdy shoes				Bill Rautzen	Barry Muller James Stewart Kevin Lynn (S)	Rick Buckley	c. Radiological environmental monitoring program (REMP) – a small sample of monitoring stations (e.g., air monitors stations, TLD stations, drink water, milk, vegetation, including monitoring stations co-located with state monitoring stations).
1000-1100			Non-Rad Waste Management and Pollution Prevention Breakout Session			Russell Chazell	M. Nederveld R. Westmoreland (S) Patricia Ireland	Kim Stapleton	Please arrange a breakout session with waste management personnel to discuss processes and procedures.
1100-1200					Waste Management and Pollution Preventions Radioactive Waste Breakout Session	Bill Rautzen	Mark Nederveld Barry Muller Bryan Weber Kevin Lynn (S)	Rick Buckley	Discussion with knowledgeable DTE staff or contractors to discuss site audit needs for radioactive waste.
1200-1300	Lunch	NTC Auditorium							
1630-1730	Audit Exit Meeting	NTC Auditorium				Leslie Perkins	ALL	ALL	

(S) -- Scribe