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10 CFR 50.12 RIS 2006-03

November 15, 2010 NRC-10-0078

U. S. Nuclear Regulatory Commission Attention: Document Control Desk Washington D C 20555-0001

References: 1) Fermi 2 NRC Docket No. 50-341 NRC License No. NPF-43

- Detroit Edison's Letter to NRC, "Fermi 2 Exemption Request from the Biennial Emergency Preparedness Exercise Requirement in 10 CFR 50, Appendix E, Section IV.F.2.b," NRC-10-0061, dated August 3, 2009
- Detroit Edison's Letter to NRC, "Response to Request for Additional Information Regarding Fermi 2 Exemption Request from the Biennial Emergency Preparedness Exercise Requirement in 10 CFR 50, Appendix E, Section IV.F.2.b," NRC-10-0074, dated October 22, 2010
- Subject: Transmittal of Emergency Preparedness Drill Information Conducted at Fermi 2 Since the 2008 Biennial Exercise

In Reference 2, Detroit Edison submitted a request for an exemption from the requirement of 10 CFR 50, Appendix E, Section IV.F.2.b for conducting a biennial emergency preparedness exercise. In Reference 3, Detroit Edison provided a response to NRC request for additional information (RAI) regarding the exemption request.

In an e-mail from Mr. Mahesh Chawla to Mr. Alan Hassoun dated October 29, 2010, the NRC provided Detroit Edison with comments on the information in References 2 and 3. The comments were discussed in a teleconference meeting between NRC and Detroit Edison representatives on November 4, 2010. Based on the discussion, Detroit Edison

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agreed to provide a summary table for all the emergency preparedness drills conducted at Fermi 2 since the last biennial exercise in 2008. The table is provided in the enclosure to this letter.

There are no new commitments included in this document.

Should you have any questions or require additional information, please contact Mr. Rodney W. Johnson of my staff at (734) 586-5076.

Sincerely,

Joseph H. Plone

Enclosure: Drill Information Summary

cc: NRC Project Manager NRC Resident Office Reactor Projects Chief, Branch 4, Region III Regional Administrator, Region III Supervisor, Electric Operators, Michigan Public Service Commission Enclosure to NRC-10-0078

Fermi 2 NRC Docket No. 50-341 Operating License No. NPF-43

Transmittal of Emergency Preparedness Drill Information Conducted at Fermi 2 Since the 2008 Biennial Exercise

Drill Information Summary

Date	Fermi 2 Site	Objectives Evaluated during the	Off-Site
Event Description	Participation	Event	Participation
08/06/2008 Red Team Drill	Full Station / All On-Site Emergency Response Facilities	 Establish and maintain priorities Briefings Mitigation and response strategy Facility activation and staffing Classifications Notifications (Initial, Follow up) Effective team communications Log keeping Facility turnover Status board update Damage Control and Rescue Team (DCRT) operations Metrological data acquisition and use. Dose assessment operations Integrated Plant Computer System (IPCS) / Safety Parameter Display System (SPDS) operations Radiological Emergency Team (RET) operations Plume tracking On-Site protective actions Off-Site Protective Action Recommendations (PARs) Radiological controls Human performance tool use 	The following had limited participation via control cells (notification and communication only): State Emergency Operations Center (EOC) Monroe County EOC Wayne County EOC Joint Information Center (JIC)
09/24/08 Blue Team Drill	Full Station / All On-Site Emergency Response Facilities	 Establish and maintain priorities Briefings Mitigation and response strategy Facility activation and staffing Activation of State and County Liaisons Classifications Notifications (Initial, Follow up, NRC) Effective team communications Log keeping Rumor control Media briefings Technical briefings Security controls at the JIC Facility turnover Status board update Emergency kit use DCRT operations Metrological data acquisition and use Dose assessment operations IPCS/SPDS operation 	The following had limited participation via control cells (notification and communication only): State EOC Monroe County EOC Wayne County EOC Joint Information Center

Date Event Description	Fermi 2 Site Participation	Objectives Evaluated during the Event	Off-Site Participation
		 RET operations Plume tracking Portable air sampling On-Site alarms On-Site protective actions N Assembly and accountability Off-Site PARs Radiological controls Emergency exposure guidelines and dose limit extensions Human performance tool use 	
10/20/08 Green Team Drill	Simulator Control Room and Operations Support Center (OSC) were simulated via control cells. Technical Support Center (TSC) and the Emergency Operations Facility (EOF) were staffed.	 Establish and maintain priorities Classifications Notifications (Initial, Follow up) Effective team communications Dose assessment operations IPCS/SPDS operation Off-Site PARs Human performance tool use 	The following had limited participation via control cells (notification and communication only): State EOC Monroe County EOC Wayne County EOC Joint Information Center
10/22/08 Radiological Medical Exercise	No On-Site Facilities Participated. Participation from Radiation Protection and Medical support. Exercise oversight and evaluation.	 Monitor, decontamination, contamination controls for personnel, ambulance, and hospital/medical facility Ambulance ability to transport and monitor potentially contaminated personnel, and communicate with the site and medical facilities Activation of medical facility and contamination controls 	Monroe Community Ambulance Mercy Memorial Hospital Michigan Department of Environmental Quality Federal Emergency Medical Agency (FEMA) Evaluators
03/04/09 Red Team Drill	Full Station / All On-Site Emergency Response Facilities	 Establish and maintain priorities Briefings Mitigation and response strategy Facility activation and staffing Classifications Notifications (Initial, Follow up, NRC) Effective team communications Log keeping Media briefings Technical briefings Facility turnover Status board update Emergency kit use DCRT operations 	The following had limited participation via control cells (notification and communication only): State EOC Monroe County EOC Wayne County EOC The following facility participated utilizing Detroit Edison personnel: Joint Information Center
		• Emergency kit use	

Date	Fermi 2 Site	Objectives Evaluated during the	Off-Site
Event Description	Participation	Event	Participation
		 IPCS/SPDS RET operations Plume tracking Portable air sampling On-Site alarms On-Site protective actions Off-Site PARs Radiological controls Emergency exposure guidelines and dose limit extensions Human performance tool use 	(No State or County personnel participation)
05/11/09 Red Team Facility Walkthrough Training	Technical Support Center and Emergency Operations Facility	The objective of the training was to familiarize the staff with the facility layout and operation.	None
05/19/09 Red Team Drill	Full Station / All On-Site Emergency Response Facilities	 Establish and maintain priorities Briefings Mitigation and response strategy Facility activation and staffing Activation of State and County Liaisons Classifications Notifications (Initial, Follow up, NRC) Effective team communications Log keeping Facility turnover Status board update Emergency kit use DCRT operations Metrological data acquisition and use Dose assessment operations IPCS/SPDS operation RET operations Plume tracking Portable air sampling On-Site protective actions Off-Site PARs Radiological controls 	The following had limited participation via control cells (notification and communication only): State EOC Monroe County EOC Wayne County EOC Joint Information Center
07/14/09 Gold Team Drill	Full Station / All On-Site Emergency Response Facilities	 Establish and maintain priorities Briefings Mitigation and response strategy Facility activation and staffing Classifications 	The following had limited participation via control cells (notification and communication only):

Date	Fermi 2 Site	Objectives Evaluated during the	Off-Site
Event Description	Participation	Event	Participation
		 Notifications (Initial, Follow up, NRC) Effective team communications Log keeping Facility turnover Status board update Emergency kit use DCRT operations Metrological data acquisition and use Dose assessment operations IPCS/SPDS operation RET operations Plume tracking Portable air sampling On-Site protective actions Off-Site PARs Radiological controls 	State EOC Monroe County EOC Wayne County EOC Joint Information Center
08/18/09 Green Team Drill	Full Station / All On-Site Emergency Response Facilities	 Human performance tool use Establish and maintain priorities Briefings Mitigation and response strategy Facility activation and staffing Classifications Notifications (Initial, Follow up, NRC) Effective team communications Log keeping Media briefings Technical briefings Facility turnover Status board update Emergency kit use DCRT operations Metrological data acquisition and use Dose assessment operations IPCS/SPDS operation RET operations Plume tracking Portable air sampling On-Site protective actions Off-Site PARs Radiological controls 	The following had limited participation via control cells (notification and communication only): State EOC Monroe County EOC Wayne County EOC The following facility participated utilizing Detroit Edison personnel: Joint Information Center (No State or County personnel participation)

Date Event Description	Fermi 2 Site Participation	Objectives Evaluated during the Event	Off-Site Participation
Event Description	Tarticipation	Emergency exposure guidelines and dose limit extensions Human performance tool use	
08/25/09 Green Team Drill	Simulator Control Room and Operations Support Center (OSC) were simulated via control cells. Technical Support Center (TSC) and the Emergency Operations Facility (EOF) were staffed.	 Futural performance roor use Establish and maintain priorities Briefings Mitigation and response strategy Facility activation and staffing Classifications Notifications (Initial, Follow up, NRC) Effective team communications Log keeping Media briefings Technical briefings Facility turnover Status board update Emergency kit use DCRT operations Metrological data acquisition and use Dose assessment operations IPCS/SPDS operation RET operations Plume tracking Portable air sampling On-Site alarms Onff-Site PARs Radiological controls Emergency exposure guidelines and dose limit extensions 	The following had limited participation via control cells (notification and communication only): State EOC Monroe County EOC Wayne County EOC Joint Information Center
09/17/09 Green Team JIC Drill	Emergency Operations Facility (EOF) had limited participation via control cell (notification and communication only)	 Briefings Effective team communications Log keeping Media briefings Technical briefings Status board update 	The following facility participated utilizing Detroit Edison personnel: Joint Information Center (No State or County personnel
09/23/09 Hostile Action Tabletop Drill	No On-Site Facilities activated. Blue Team Emergency Response Organization (ERO) participated in the Table Top Drill.	 IPCS/SPDS operation Human performance tool use The Objectives for the tabletop were to achieve an understanding of the roles, responsibilities, priorities and response actions of key organizations and facilities, that have a role in the response to a Hostile Action Based (HAB) event at Fermi 2. 	participation) State EOC Monroe County EOC Wayne County EOC Joint Information Center United States Coast Guard Local Law Enforcement Agencies

Date	Fermi 2 Site	Objectives Evaluated during the	Off-Site
Event Description	Participation	Event	Participation
			Local Fire Departments Michigan State Police Federal Bureau of Investigation (FBI) Michigan National Guard
10/13/09 Original date for HAB drill Postponed due to Forced Outage 09-02			
12/09/09 Blue Team Hostile Action Based (HAB) Drill (Originally scheduled for 10/13/09)	Full Station / All On-Site Emergency Response Facilities / Coordination between Fermi 2 Nuclear Security, ERO Staff and Facilities, and Incident Command Post personnel	 Establish and maintain priorities Briefings Mitigation and response strategy Facility activation and staffing Activation of State and County Liaisons Classifications Notifications (Initial, Follow up, NRC) Effective team communications Log keeping Rumor control Media briefings Technical briefings Facility turnover Status board update Emergency kit use DCRT operations Metrological data IPCS/SPDS operation RET operations On-Site alarms On-Site protective actions Assembly and accountability Off-Site PARs Radiological controls Personnel decontamination Radiological medical emergency response Monitor, decontamination, contamination controls for personnel, ambulance, and hospital/medical facility Ambulance ability to transport and monitor potentially contaminated personnel, and communicate with the site and medical facilities Human performance tool usage Response to a Hostile Action Based event. 	State EOC Monroe County EOC Wayne County EOC Incident Command Post (ICP) Joint Information Center United States Coast Guard FBI Michigan State Police Monroe County Sheriff Monroe City Police Frenchtown Fire Departments Monroe Community Ambulance NRC Evaluators FEMA Evaluators

Date	Fermi 2 Site	Objectives Evaluated during the	Off-Site
Event Description	Participation	Event	Participation
12/18/09 Radiological Medical Drill	No On-Site Facilities Participated. Exercise oversight and evaluation.	 Command and control Monitor, decontamination, contamination controls for personnel and ambulance Priority development and medical treatment Interface between medical staff and ambulance crew 	Monroe Community Ambulance Michigan Department of Environmental Quality FEMA Evaluators
03/03/10 Gold Team Drill	Full Station / All On-Site Emergency Response Facilities	 Establish and maintain priorities Briefings Mitigation and response strategy Facility activation and staffing Classifications Notifications (Initial, Follow up, NRC) Effective team communications Log keeping Facility turnover Status board update Emergency kit use DCRT operations Metrological data acquisition and use Dose assessment operations IPCS/SPDS operation RET operations Plume tracking Portable air sampling On-Site protective actions Off-Site PARs Radiological controls Emergency exposure guidelines and dose limit extensions 	The following had limited participation via control cells (notification and communication only): State EOC Monroe County EOC Wayne County EOC Joint Information Center
05/12/10 Red Team Drill	Full Station / All On-Site Emergency Response Facilities / Mock-NRC Team (using Station personnel) stationed throughout the On-Site Facilities in preparation for the 2010 Exercise.	 Establish and maintain priorities Briefings Mitigation and response strategy Facility activation and staffing Classifications Notifications (Initial, Follow up, NRC) Effective team communications Log keeping Rumor control Media briefings Technical briefings 	State EOC Monroe County EOC Wayne County EOC Joint Information Center Monroe County Reception Centers Wayne County Reception Centers Monroe County Congregate Care Centers Wayne County Congregate Care Centers

Date	Fermi 2 Site	Objectives Evaluated during the Event	Off-Site
Event Description	Participation		Participation
05/26/10 Red Team Drill	Full Station / All On-Site Emergency Response Facilities / Mock-NRC Team (using Station personnel) stationed throughout the On-Site Facilities in preparation for the 2010 Exercise.	 Security controls at the JIC Facility turnover Status board update Emergency kit use DCRT operations Metrological data acquisition and use Dose assessment operations IPCS/SPDS operation RET operations Environmental sampling Portable air sampling On-Site alarms On-Site protective actions Off-Site PARs Radiological controls Emergency exposure guidelines and dose limit extensions Human performance tool use Establish and maintain priorities Briefings Mitigation and response strategy Facility activation and staffing Classifications Notifications (Initial, Follow up, NRC) Effective team communications Log keeping Rumor control Media briefings Technical briefings Security controls at the JIC Facility turnover Status board update Emergency kit use DCRT operations Metrological data acquisition and use Dose assessment operations IPCS/SPDS operation RET operations PirCS/SPDS operation RET operations PirCS/SPDS operation RET operations Environmental sampling Plume tracking Portable air sampling Plume tracking Portable air sampling On-Site alarms 	State EOC Monroe County EOC Wayne County EOC Joint Information Center Monroe County Reception Centers Wayne County Reception Centers Monroe County Congregate Care Centers Wayne County Congregate Care Centers

Date	Fermi 2 Site	Objectives Evaluated during the	Off-Site
Event Description	Participation	Event	Participation
		 On-Site protective actions Assembly and accountability Off-Site PARs Radiological controls Emergency exposure guidelines and dose limit extensions Human performance tool use 	
06/08/10 2010 Exercise <i>Off Site only</i>	No On-Site Facilities Participated (Tornado damage to Fermi 2 Site on 06/06/10 resulting in Forced Outage 10-02) Emergency Operations Facility (EOF) had limited participation via control cell (notification and communication only) to assist State and County Facilities while they conducted the 2010 Exercise for FEMA evaluation	All evaluations of the activities of 06/08/10 were conducted by FEMA.	State EOC Monroe County EOC Wayne County EOC Monroe County Reception Centers Wayne County Reception Centers Monroe County Congregate Care Centers Wayne County Congregate Care Centers FEMA Evaluators
06/09/10 Radiological Medical Exercise	No On-Site Facilities Participated. Exercise oversight and evaluation.	 Monitor, decontamination, contamination controls for personnel, ambulance, and hospital/medical facility Ambulance ability to transport and monitor potentially contaminated personnel, and communicate with the site and medical facilities Activation of medical facility and contamination controls 	Monroe Community Ambulance Oakwood South Shore Medical Center Michigan Department of Environmental Quality FEMA Evaluators
07/20/10 Blue Team Drill	Full Station / All On-Site Emergency Response Facilities	 Establish and maintain priorities Briefings Mitigation and response strategy Facility activation and staffing Classifications Notifications (Initial, Follow up, NRC) Effective team communications Log keeping Facility turnover Status board update Emergency kit use DCRT operations Metrological data acquisition and use Dose assessment operations IPCS/SPDS operation RET operations Plume tracking Portable air sampling 	The following had limited participation via control cells (notification and communication only): State EOC Monroe County EOC Wayne County EOC Joint Information Center

Date Event Description	Fermi 2 Site Participation	Objectives Evaluated during the Event	Off-Site Participation
09/21/10	Full Station / All On-Site Emergency	 On-Site alarms On-Site protective actions Off-Site PARs Radiological controls Emergency exposure guidelines and dose limit extensions Personnel decontamination Human performance tool use Establish and maintain priorities 	The following had limited
Reserve Team Drill	Response Facilities	 Briefings Mitigation and response strategy Facility activation and staffing Classifications Notifications (Initial, Follow up, NRC) Effective team communications Log keeping Facility turnover Status board update Emergency kit use DCRT operations Metrological data acquisition and use Dose assessment operations IPCS/SPDS operation RET operations Plume tracking Portable air sampling On-Site protective actions Off-Site PARs Radiological controls Emergency exposure guidelines and dose limit extensions Personnel decontamination Human performance tool use 	participation via control cells (notification and communication only): State EOC Monroe County EOC Wayne County EOC Joint Information Center