Wisconsin Public Service Corporation
700 North Adams Street
Green Bay, WI 54301
www.wisconsinpublicservice.com

March 07, 2019
Submitted Electronically

Richard Joslin
Wisconsin Department of Natural Resources
625 East County Road Y, Suite 700
Oshkosh, WI 54901-9731

Re: WI - 45-Day Documentation and No Further Action Letter - Ch. NR. 708
Wisconsin Public Service Corporation
No. 2 Diesel Fuel Spill
W1830 W Cleveland Ave, Marinette, WI 54143 (Marinette County)
Reported 1/30/2019, SERTS ID: 20190130NE38-1

Dear Mr. Joslin,

In accordance with Wisconsin Administrative Code NR 708.05(6) and NR 708.09, We Energies respectfully submits the following documentation describing the immediate actions taken, the outcome of those actions, and a final report and letter of compliance documenting that no further action is necessary to respond to a hazardous substance discharge or environmental pollution at the site referenced above.

Responsible Party:
Wisconsin Public Service Corporation
700 North Adams Street
Green Bay, WI 54301

Responsible Party Contact:
Anndelee Gregg, P.G., Senior Environmental Consultant
Wisconsin Public Service Corporation
333 W Everett Street, A231
Milwaukee, Wisconsin 53203
(414) 221-4076

Location of Discharge Site:
W1830 W Cleveland Ave
Marinette, WI 54143 (Marinette County)
Latitude: 45.0869 Longitude: -87.6894

Material & Quantity:

- Quantity Released: 300 Gallons
- Substance Type: No. 2 Diesel Fuel
- Equipment Type: 1.5 ft. flex fuel line on combustion turbine unit M33

Diesel fuel/gasoline is a fraction obtained from petroleum distillation and is used in diesel/gas engines.

Cause of Discharge: Equipment Failure

Mitigation Efforts that Accelerated Migration of Material: No mitigation efforts accelerated migration of the substance.

Initial Spill Notification: The release was reported to:

- Wisconsin DNR's Spill Hotline at 10:15 AM on January 30, 2019 (SERTS Spill ID: 20190130NE38-1)

Incident Description and Response Action:

- Time of Spill: 08:00 hours on Wednesday, January 30, 2019
- Incident Description: On the morning of Wednesday, January 30th, 2019 WEC Environmental dispatch was notified that a flex fuel line on the M33 combustion turbine at the WPS West Marinette Power Generation Station had ruptured, releasing approximately 300 gallons of No. 2 Diesel Fuel. The fuel sprayed the interior of the accessory compartment building which housed the unit. The fuel had also seeped beneath the buildings walls onto the concrete foundation and approximately 20-30 gallons had flowed off the foundation onto the snow-covered gravel on the North and South sides of the building. WPS personnel on scene placed absorbent boom and pads down to prevent additional fuel from reaching the ground. WEC Environmental dispatch contracted SET Environmental Inc., to remove and containerize the affected snow and gravel and clean the inside of the affected building. Upon arrival, SET crews removed the used absorbent and recovered the pooled diesel fuel using additional absorbent and a drum vac. Affected snow was also removed using the drum vac and the affected gravel was removed down to a depth of 1-inch using hand excavation. Since the gravel was frozen, no diesel affected the soil beneath it. Once all pooled fuel and affected snow and gravel were removed, SET crews used a mild degreasing solution to wipe down all impacted surfaces inside of the building. Absorbent pads were placed inside and outside of the building to capture any additional fuel that may have remained in small crevices inside of the building. All fuel affected absorbent, boom, snow and gravel were containerized in open top 55-gallon drums and staged onsite until they can be delivered to an approved Waste Management facility for disposal.
- Cleanup Description: 7 drums of impacted snow, gravel and absorbent were generated
- Disposal Information: Drums are staged on site until they can be delivered to an approved Waste Management Facility for disposal.

Weather Conditions:

- Weather Conditions: Light Snow,
- Temperature: -15 degrees Fahrenheit,
- Winds: Northwest at 12 mph.

Migration Potential of Release: Due to the interim and remedial actions taken, there were no impacts to human health. Impacts were limited to the snow covered gravel, concrete foundation, and the interior surfaces of the accessory compartment building. No surface water bodies, wetlands, or storm water conveyances were affected by the release.

Confirmation Sampling: Confirmation sampling was not conducted. No visual or olfactory evidence of residual impacts were noted after the remedial actions were complete.

Visual and Olfactory Evidence: There is no remaining visible or olfactory evidence of the release.

Actual or Potential Environmental Impacts: Due to the nature of the substance released, the remedial actions taken, and the location of the release, there are no further potential impacts to the environment associated with the release.

Proximity of Contamination to Receptors: No human or environmental receptors came into contact with nor were affected by the release.

Present and Anticipated Land Use: The current and anticipated future land use of this property is as a Wisconsin Public Service power generation facility.

Exposure Route Assessment: Based on the nature of the substance released, the interim and remedial actions taken, and the location of the release, no complete exposure pathways exist or were present for impact to human or environmental receptors.

Conclusion: (Closure Documentation): All practicable response and remediation measures were effectively implemented. The area has been restored to its original condition and there is no further action necessary for this incident. Maps of the release location and photographs are attached (Figures 1-3).

If you have any questions or need additional information regarding this spill and the related response activities, please call me at (414) 221-4076 or email me at Anndelee.Gregg@wecenergygroup.com.

Sincerely,

Anndelee Gregg, P.G.
Senior Environmental Consultant
Wisconsin Public Service Corporation

Enclosed: Aerial View, Impacted Area, and Site Restoration

Figure 1: Affected Building

Figure 2: Affected foundation and snow covered gravel area.

Figure 3: Impacts removed.