



November 3, 2014

Bryan L. Barker
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Lancaster, Ohio 43130

Ohio EPA, DERR—ER (via: cindy.stanwick@epa.ohio.gov)
Lazarus Government Center
50 West Town Street, Suite 700
P.O. Box 1049
Columbus, Ohio 43216-1049
ATTN: ER Records Mgmt.

Dear Ohio EPA, DERR—ER:

Provided is a written follow-up for a mineral oil release from a pad-mounted transformer that occurred at 1939 Independence Blvd. Lancaster, OH on 10/5/2014. The Ohio EPA, Emergency Response spill number assigned to this release is **1410-23-2079**.

This information is being provided as required pursuant to ORC Section 3750.06(D) and OAC Rule 3750-25-25(A) (2).

1. Who

(a) Complete facility name, address and telephone number of the facility from which the release occurred. Complete name of owner and/or operator.

South Central Power Co. (SCP) owns the pad-mounted service transformer that is located at 1939 Independence Blvd. Lancaster, OH.

2. When

(a) Actual time, date, and duration of the discharge or release.

It is estimated that the release occurred at 6:30AM on 10-5-14 when a vehicle struck the transformer. The duration of the discharge is unknown. The transformer was struck by a vehicle and the transformer caught on fire.

(b) Actual time and date of discovery of the release or discharge.

South Central Power Co. Operations (SCP Ops) employees discovered the spill when they arrived on site at approximately 9:15AM on 10/5/2014.

(c) Actions taken to respond to and contain the release or discharge.

South Central Power Co. contacted a professional spill clean-up contractor (BBU Environmental) to conduct cleanup.

(d) Indicate the spill number assigned by Ohio EPA. (If you do not know this number, call a duty officer during business-hours and ask. The telephone number is 614-644-3194). If the National Response Center was notified, please provide their assigned case number.

The Ohio EPA, Emergency Response spill number assigned to this release is 1410-23-2079.

3. Location

(a) Location of facility from which the release or discharge occurred.

1939 Independence Blvd. Lancaster, OH

(b) Location of release: county, township, and city.

Fairfield County, Pleasant Township, Lancaster, OH

(c) Longitude and latitude of the release, if known.

N/A

(d) Distance and direction from nearest intersection or milepost if it was a transportation related release or discharge.

N/A

4. Product Release

(a) Common and/or technical name(s) of the material(s) released or discharged and CAS Numbers(s).

Dielectric Mineral Oil

(b) What was the quantity and duration of the discharge? Indicate volume(s) in gallons or pounds.

An estimate of 43 gallons of mineral oil was released; however, it is unknown how much was consumed due to the fire versus what was released onto the ground. The duration is unknown.

5. Environmental Impact

(a) Name of the environmental medium or media affected (i.e. navigable waters, land, and/or air). If navigable waters, please identify.

Land

(b) What was the length of area of the navigable waterway affected?

N/A

(c) What was the ground surface area (square feet or yards) and depth of soil contamination?

Approximately 100 square feet of soil was contaminated to a depth of 6"-20".

(d) To the extent information is available, identify damage to wildlife and/or vegetation.

N/A

(e) To the extent information is available, identify impact to human health and safety (i.e. evacuations, exposure, etc.)

N/A

(f) Where appropriate, identify medical advice provided for exposed individuals and or local medical personnel.

N/A

6. Monitoring and Detection

(a) If the release or discharge was monitored, indicate the method of detection and concentrations detected.

Due to the uncertainty of how much oil was released onto the ground a Recovery Well was installed (per Rikki Knerr, Ohio EPA) to monitor for oil recovery.

(b) If the release was air-borne, how was the wind direction and speed determined? N/A

(c) Was the public warned, and if so, how? N/A

7. Mitigation, Containment Action

(a) How much product or waste was recovered or neutralized?

All recoverable visible traces of oil in the soil were removed (100 sq. ft. (6 drums).

Approximately 5 gallons of oil was remaining in the transformer and was pumped out into a drum for disposal.

(b) How was the material recovered or neutralized?

All recoverable visible traces of oil in the soil were removed (100 sq. ft. (6 drums).

Approximately 5 gallons of oil was remaining in the transformer and was pumped out into a drum for disposal.

(c) Were any other actions taken to reduce the impact of the discharge (containment, adsorbents, on-site treatment, etc.)?

A Recovery Well was installed (per Rikki Knerr, Ohio EPA) to monitor for oil recovery.

8. Prevention Measures

Please provide plans to prevent recurrence of the discharge or release which may occur at this specific source. This may include: employee training, replacement of equipment, construction, or security measures such as lighting, fencing or locks.

SCP does not believe this incident was preventable, since it was the result of a vehicle accident.

9. Health Risks

List known or anticipated acute and chronic health risks of exposure associated with the substances which were released.

Mineral Oil Potential Health Effects:

Inhalation: Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem.

Eye Contact: Expected to be minor eye irritant.

Skin Contact: Repeated or prolonged skin contact may cause dermatitis and defatting.

Ingestion: Not expected to be acutely toxic.

Chronic: None known.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If Breathing is difficult give oxygen. Get medical attention.

Eye Contact: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

Skin Contact: Flush with large amounts of water. Use soap if possible. Remove severely contaminated clothing and wash before reuse. If irritation persists seek medical attention.

Ingestion: If swallowed, DO NOT induce vomiting.

Source: MSDS; WARREN OIL COMPANY, INC.; Product Name: Coastal Transformer Oil Type II (all containers);

Chemical Name: Mineral oil

10. Permit Numbers

(a) Indicate any air, water, or other permit numbers which may be pertinent to this incident (voluntary information). N/A

(b) If this is a NPDES/air permit, please enclose a copy of your current effluent/emission limitations. N/A

11. Chronology

Provide a chronological review of the incident. Include a chronology of communications with state and local government.

DATE	APPROXIMATE TIME	DESCRIPTION
10/5/14	0630	Vehicle strikes padmounted transformer.
10/5/14	0830	Lancaster FD receives a fire call.
10/5/14	0840	Lancaster FD arrives onsite, extinguishes fire.
10/5/14	0915	South Central Power Co. Operations personnel arrive onsite and discover the transformer fire / spill.
10/5/14	Between 0915 and 1230	South Central Power Co. dispatcher contacts BBU Environmental to conduct cleanup.
10/5/14	1230 - 1500	BBU Environmental conducted site cleanup.
10/5/14	1852	Bryan Barker (South Central Power Co.'s Environmental Director) reported the spill to SERC 800-282-9378 (Dispatcher Miller).
10/5/14	1858	Barker reported the spill to Fairfield County LEPC 740-654-4357 (Jon Kochis); left a voice message.
10/5/14	1900	Barker reported the spill to Lancaster FD 740-687-6610; Mr. Schick.
10/5/14	1915	Gavin Armstrong (Ohio EPA) called Barker of the spill details.
10/5/14	1931	Rikki Knerr (Ohio EPA) called Barker of the spill details, arranged to meet Barker at the site the next morning.
10/6/14	0830	Barker and Knerr meet at the site to assess. It was determined that the spill size and amount recovered was small for the amount of oil lost. Ms. Knerr recommended installing a recovery well to monitor and recovery any potential oil in the ground.
10/6/14	1122	Barker emailed pictures to Knerr to confirm the unit was Non-PCB and to show the degree of fire damage.

10/6/14	1430	BBU Environmental installed a recovery well. The well consisted of a 12' long horizontal, perforated PVC pipe installed at 5' depth. It was backfilled 4' with pea gravel and the top 1' with topsoil.
10/7/14	1653	Barker emailed Knerr to notify her that the cleanup contractors were able to conduct cleanup prior to the new pad being set, that they observed visible traces down to about 18-20 inches around the cables and that they excavated down 24-30 inches to remove all visible traces. Barker also reported his discussions with the fire department that the duration of the fire was unknown. Barker also noted that BBU Environmental installed a recovery well.
10-28-14	1027	BBU Environmental reported that the recovery well was visually checked on 10/10, 10/15, and 10/21 and no visible traces of oil or oil sheen were observed.

12. Documentation

Provide any reports or other documents which pertain to the incident (e.g. accident reports, manifest, bills of lading, laboratory analyses).

N/A

13. Causes

Describe any extenuating circumstances which caused the discharge.

N/A

14. Economic Impact

(This information is voluntary)

(a) Estimate the dollar value, if any, of the spilled product. \$350

(b) What was the equipment damage cost (estimate)? Unknown

(c) What was the cost of spill cleanup (estimate)? \$3,500 to \$6,500

(d) What are the estimated costs of spill prevention to eliminate possible reoccurrence of this event?

SCP does not believe this incident was preventable, since it was the result of a vehicle accident.

Please feel free to contact me if you have any questions regarding this follow-up report.

Sincerely,



Bryan L. Barker

Director of Safety and Environmental Control

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Cell: 740-415-6123

Email: barker@southcentralpower.com

Cc: Fairfield County LEPC