

General Environmental Incident Summary

Incident: 4033 **Date/Time Notice:** 3/3/2016 1940 **DEM Incident No:**
Responsible Party: Minnesota Power

Date Incident: 3/3/2016 **Time Incident:** 1739 **Duration:** 15 minutes

County: Oliver **Twp:** 142 **Rng:** 83 **Sec:** 33 **Qtr:**

Lat: 47.07203 **Long:** -101.19600 **Method:** Interpolation from map

Location Description: Minnesota Power Center Substation
2375 33rd Ave SW
Center, N.D. 58520

Submitted By: Greg Prom **Affiliation:**

Address: 30 West Superior Street

City: Duluth **State:** MN **Zip:** 55802

Received By:

Contact Person: Greg Prom
30 West Superior St.
Duluth, MN 55802

Distance Nearest Occupied Building: 50 Feet **Release Contained:** Yes

Type of Incident: Converter transformer failure resulting in spill

Description of Released Contaminant: Non-PCB Mineral Oil

Volume Spilled: 500.00 gallons **Ag Related:** No

EPA Extremely Hazardous Substance: No **Reported to NRC:** Unknown

Cause of Incident:

Rupture between bushing and reservoir tank of converter transformer.

Risk Evaluation:

The facility is designed to capture spills. Human exposure is minimized due to the facility being fully-fenced with restricted access. The material is contained and will be recovered by trained personnel.

of Fatalities: 0 **# of Injuries:** 0 **Affected Medium:** 03 - soil

Potential Environmental Impacts:

Impacts are anticipated to soils/substation surfacing which have an underlying drain system to capture released oil to an oil-water separator. Nelson Lake is located nearby the site. Daily observations of any surface runoff will be performed until cleanup has been completed. It is not anticipated this release will impact surface waters, including Nelson Lake.

Action Taken or Planned:

Oil captured by drainage to an oil-water separator. Recovery of oil from oil-water separator will be performed by vac-truck. Additional recovery of impacted soils will be accomplished by vac-truck upon ground thaw.

Wastes Disposal Location: Oil recovery will be managed by Clean Harbors. Materials will be brought to an approved disposal facility.

Agencies Involved:

Updates

Date: 3/4/2016 **Status:** Reviewed - Assigned to NDDoH Division

Author: Souder, Taylor

Updated Volume:

Notes:

Assigned to Division of Waste Management.