



9.15. SECTOR O – STEAM ELECTRIC POWER GENERATING FACILITIES, INCLUDING COAL HANDLING AREAS

The requirements listed under this sector shall apply to stormwater discharges from steam electric power generating facilities, including coal handling areas. Non-stormwater discharges subject to effluent limitations guidelines are not covered by this permit. Storm water discharges from coal pile runoff subject to numeric limitations are eligible for coverage under this permit but are subject to the limitations established by [40 CFR 423](#).

Sector O: Steam Electric Generating Facilities			
SIC Code	Industrial Activity	Sampling Required?	Table Number
4911	Electric Services	Yes	O-1

9.15.1. Limitations on Coverage

In addition to limitations described in Subpart 1.3, stormwater discharges from ancillary facilities such as fleet centers, gas turbine stations, and substations that are not contiguous to a steam electric power generating facility are not covered by this permit. Heat capture co-generation facilities are not covered by this permit; however, dual fuel co-generation facilities are included.

9.15.2. Additional SWPPP Requirements

The plan must describe measures that prevent or minimize fugitive dust emissions from coal handling areas. The permittee shall consider establishing procedures to minimize offsite tracking of coal dust. To prevent offsite tracking, the facility may consider specially designed tires, or washing vehicles in a designated area before they leave the site and controlling the wash water.

The plan must describe measures that prevent or minimize contamination of stormwater runoff from delivery vehicles arriving on the plant site. At a minimum the permittee should consider the following:

- Develop procedures for the inspection of delivery vehicles arriving on the plant site, and ensure overall integrity of the body or container; and
- Develop procedures to deal with leakage or spillage from vehicles or containers, and ensure that proper protective measures are available for personnel and environment.



The plan must describe measures that prevent or minimize contamination of stormwater runoff from fuel oil unloading areas. At a minimum the facility operator must consider using the following measures, or an equivalent:

- Use containment curbs in unloading areas;
- During deliveries station personnel familiar with spill prevention and response procedures must be present to ensure that any leaks or spills are immediately contained and cleaned up; and
- Use spill and overflow protection (drip pans, drip diapers, and/or other containment devices shall be placed beneath fuel oil connectors to contain any spillage that may occur during deliveries or due to leaks at such connectors).

The plan must describe measures that prevent or minimize contamination of stormwater runoff from above ground liquid storage tanks. At a minimum the facility operator must consider employing the following measures or an equivalent:

- Use protective guards around tanks;
- Use containment curbs;
- Use spill and overflow protection (drip pans, drip diapers, and/or other containment devices shall be placed beneath chemical connectors to contain any spillage that may occur during deliveries or due to leaks at such connectors); and
- Use dry cleanup methods.

The plan must describe measures that prevent or minimize contamination of stormwater runoff from liquid storage tanks. At a minimum the facility operator must consider employing the following measures, or an equivalent:

- Comply with applicable State and Federal laws, including Spill Prevention Control and Countermeasures (SPCC); and
- Containment berms.

All residue hauling vehicles shall be inspected for proper covering over the load, adequate gate sealing and overall integrity of the body or container. Vehicles without load coverings or adequate gate sealing, or with leaking containers or beds must be repaired as soon as practicable.



Plant procedures shall be established to reduce and/or control the tracking of ash or residue from ash loading areas including, where practicable, requirements to clear the ash building floor and immediately adjacent roadways of spillage, debris and excess water before each loaded vehicle departs.

The plan must describe measures that prevent or minimize contamination of stormwater runoff from areas adjacent to disposal ponds or landfills. The facility must develop procedures to:

- Reduce ash residue which may be tracked on to access roads traveled by residue trucks or residue handling vehicles; and
- Reduce ash residue on exit roads leading into and out of residue handling areas.

9.15.3. Additional Inspection Requirements

In addition to or as part of the comprehensive site evaluation required in Section 4.2, [qualified person](#) shall be identified to inspect the following areas on a monthly basis:

- coal handling areas,
- loading/unloading areas,
- switchyards,
- fueling areas,
- bulk storage areas,
- ash handling areas,
- areas adjacent to disposal ponds and landfills,
- maintenance areas,
- liquid storage tanks, and
- long term and short-term material storage areas.

A set of tracking or follow-up procedures shall be used to ensure that appropriate actions are taken in response to the inspections. Records of inspections shall be maintained onsite. Such records are subject to review by the U.S. Environmental Protection Agency, and State, and local agencies with jurisdiction, and must be retained onsite a minimum of 3 years after the date of the inspection.



9.15.4. Table O-1: Numeric Effluent Limitations

Monitoring requirements for discharges from coal storage piles at Steam Electric Generating Facilities are presented in the table below. The following pollutants of concern shall be monitored at least annually:

Table O-1	
Effluent Characteristic	Effluent Limitations (mg/L) (Maximum for any 1 day)
Total Suspended Solids (TSS)	50 [mg/L]
pH	Between 6.0 to 9.0 standard units