

Why Clients Choose Sargent & Lundy for Complex Environmental Permitting Services

- Integrated project teams of environmental specialists and engineering discipline leads working side by side.
- Streamlined project teams eliminates communication gaps experienced with separate engineering and environmental firms.
- Unmatched technical knowledge and support to ensure permits provide operating flexibility and limits are achievable.
- Environmental, regulatory, and technical expertise to support filings and testimony before regulatory agencies and public utility commissions.

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Sargent & Lundy provides comprehensive environmental permitting and licensing services for power-generating facilities, transmission lines, substations, and other power-related projects. We help clients prepare the technical and other supporting documentation required to submit applications to regulating agencies for obtaining the key types of permits and approvals for siting, constructing, and operating power-related facilities.

Permitting Services

- Air pollution construction and operation:
 - Emissions from major and minor sources
 - Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) evaluations
 - Ambient air quality impact modeling
 - Nonattainment New Source Review (NSR)
- National Pollutant Discharge Elimination Systems (NPDES) for industrial wastewater and stormwater
- Stormwater Pollution Prevention Plans (SWPPP)
- Solid waste management and disposal
- Wetlands and waterways (U.S. Army Corps of Engineers)
- Combined operating license (COL) and second license renewal applications to Nuclear Regulatory Commission (NRC)

Recent Permitting Projects

- Construction air permits for two new 1200-MW natural gas combined-cycle power plants (major sources)
- Construction air permits for new simple-cycle combustion turbines and large reciprocating internal combustion engines (minor sources)
- NPDES permit authorizing discharge to an intermittent stream based on successful antidegradation demonstration
- Nitrate/sulfate deposition modeling to quantify potential impacts to sensitive prairie ecosystem to support nonattainment NSR construction permit
- Permits for coal to natural gas conversions