SOLID WASTE DISPOSAL SITE PERMIT CLASS III	PERMITTEE NVENERGY VALMY FLY ASH LANDFILL	PERMIT # SW174R01

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1 FACILITY SUMMARY

The Facility is permitted to dispose of waste generated by the North Valmy Generating Station, specifically Coal Combustion By-Products [CCBPs] consisting of fly ash and bottom ash.

1.1 GENERAL DESCRIPTION

The Permit authorizes the construction and operation of a Class III disposal site, consisting of one industrial solid waste landfill unit, contiguous land, structures, and other appurtenances and improvements for the disposal of industrial waste as approved by the Nevada Division of Environmental Protection. The landfill will perform groundwater-monitoring, closure, and post closure care in accordance with this Permit.

1.2 OWNER/OPERATOR

NVEnergy
PO Box 249
Valmy, NV 89435

1.3 FACILITY LOCATION

Township/Range/Section– 35, 43 East, 20, 21, 28 & 29 MDB&M, approximately 240 miles east of Reno in Humboldt County, Nevada.

1.4 FACILITY DESIGN

Permitted Design Summary

Table 1

Class III	*Rev 00*	*Rev 01*		*Rev 02*		*Rev 03*	
		New	*Total*	*New*	*Total*	*New*	*Total*
Disposal Area (acres)	100	0	100				
Maximum Elevation (amsl)	4460	0	4460				
Minimum Elevation (amsl)	4410	0	4410				
Disposal Capacity (yds^3)	5,000,000	0	5,000,000				
Total Volume (yds^3)	6,000,000	0	6,000,000				

2 GENERAL PERMIT CONDITIONS

2.1 DEFINITIONS

Unless the context otherwise requires, the definitions used in this Permit have the meanings ascribed to them in NAC 444.5701 to 444.631.

"Landfill volume" means the quantity of space contained above the bottom liner and including the final cover of a landfill design.

"Landfill disposal capacity" means the quantity of solid waste, by volume, that can be placed in a landfill, given its landfill volume and plan of operations.

2.2 PERMIT ACTIONS (NAC 444.643)

This Permit is based upon the information submitted in the Permit application, and as approved by the Nevada Division of Environmental Protection. This Permit may be modified by the Division, for cause, in accordance with NAC 444.643 or if there is a change in the statutes or regulations upon which the issuance of the Permit is based, or if a modification is otherwise necessary to protect public health, safety and the environment. This Permit may be revoked or suspended if written notice is given by the solid waste

management authority and the disposal site does not remain in compliance with the applicable statutes and regulations. The filing of a request by the Permittee for a Permit modification or termination, or a notification of planned changes or anticipated noncompliance, or termination of activities authorized in the Permit does not stay any Permit condition. The Permittee shall inform the Division of any deviation from or change in the operations as presented in the application, which may affect the Permittee's ability to comply with applicable regulations or conditions of this Permit. This Permit may be transferred to a subsequent owner or operator only if the solid waste management authority approves the transfer based on documentation of financial responsibility provided by the new owner or operator.

2.3___ AVAILABILITY OF PERMIT DOCUMENTS

The Permittee shall keep, at the disposal site, a complete copy of this Permit and incorporated documents, as identified herein.

2.4___ COMPLIANCE WITH STATUTES AND REGULATIONS

The Permittee shall comply with NRS 444.440 through 444.620, and NAC 444.570 through 444.7499, as applicable.

2.5___ DUTY TO PROVIDE INFORMATION

The Permittee shall furnish to the Division, within a reasonable time, any relevant information which the Division may request to determine compliance with this Permit or to determine whether cause exists for modifying, revoking and reissuing, or terminating this Permit. The Permittee shall also furnish to the Division, upon request, copies of records required to be kept by this Permit.

2.6___ INCIDENT REPORTING

The Permittee shall report incidents to the Division as provided in the *Operating Plan*. In addition, the Permittee shall report any noncompliance, imminent or existing hazard from a release of waste or hazardous constituents, or from a fire or explosion at the facility, which may endanger human health or the environment. Such information shall be reported by telephone to 800-331-6337 within twenty-four (24) hours from the time the Permittee becomes aware of the circumstances. A written report shall be submitted within 15 days of the incident and shall include the following:

i. Name and title of person making report;
ii. Date, time, and type of incident;
iii. Name and quantity of material(s) involved;
iv. A complete description of the occurrence and its cause;
v. The extent of injuries, if any;
vi. An assessment of actual or potential hazards to the environment and human health outside the facility, where this is applicable;
vii. Estimated quantity and disposition of recovered material that resulted from the incident; and
viii. Actions taken by the Permittee in response to the incident.

2.7___ REPORTING ANTICIPATED NON-COMPLIANCE

The Permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity that may result in noncompliance with Permit requirements.

2.8___ INSPECTION AND ENTRY

The Permittee shall allow the Nevada Division of Environmental Protection, or an authorized representative, upon the presentation of credentials or other documents as may be required by law to:

i. Enter at reasonable times upon the Permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Permit;
ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Permit;
iii. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and
iv. Sample or monitor at reasonable times, for the purposes of assuring Permit compliance or as otherwise authorized, any substances or parameters at any location subject to the Permit.

2.9 CONSTRUCTION QUALITY ASSURANCE AND QUALITY CONTROL (NAC 444.645)

Reserved

3 PERMIT DOCUMENTS

The following documents, as submitted by the Permittee and approved by the Nevada Division of Environmental Protection also describe and/or restrict the operation of this disposal site:

1. Class III Landfill Application for the Disposal of Ash at the North Valmy Power Plant, March 2001
2. Valmy Power Plant Revised Groundwater Monitoring Plan May 2009

4 WASTE ACCEPTANCE CRITERIA

The Permittee shall comply with the waste characterization of section 4.1 of the Application (March 2001)

4.1 SOLID WASTES PERMITTED FOR DISPOSAL

Class III

1. Industrial Waste that meets the definition of Section 4.0 of the Solid Waste Characterization Plan
2. Reserved

4.2 PROHIBITED SOLID WASTES

The Permittee is prohibited from placing in the Class III landfill the following wastes:

1. Liquid waste as defined by NAC 444.692(4)
2. Hazardous waste, as defined by NAC 444.580 & State and Federal Regulations
3. PCB waste, as defined by State and Federal Regulations
4. Household waste as defined by NAC 444.581
5. Conditionally Exempt Small Quantity Generator (CESQG) Waste as defined by 40 CFR 261.5
6. Garbage as defined by NAC 444.578
7. Asbestos as defined by NAC 444.966
8. All other wastes not specifically identified for disposal in the Operating Plan
9. Reserved

5 RECORDKEEPING

5.1 The Permittee shall maintain records at the site as described in section [refer to section] of the [revised] Application.

The owner or operator shall notify the solid waste management authority when the documentation has been placed in or added to the operating records. All information contained in the operating records must be furnished upon request to the solid waste management authority or be made available at all reasonable times for inspection by the solid waste management authority.

Class III Facility

i. Any documentation of cost estimates and financial assurance required pursuant to NAC 444.685:

ii. Plans for closure and postclosure care and any monitoring, testing or analytical data required pursuant to NAC 444.6891 to 444.6896, inclusive; and

iii. How the site conforms to the restrictions on location set forth in NAC 444.735; and

iv. Any plan to characterize solid waste required pursuant to NAC 444.737; and

v. Any demonstration, certification, finding, monitoring, testing or analytical data from the program for monitoring ground water required pursuant to NAC 444.7481 to 444.7499, inclusive; and

vi. The owner or operator shall promptly notify the solid waste management authority after the owner or operator has placed the information in the operating record of its facility pursuant to this subsection. The information must be furnished upon request to the solid waste management authority or be made available for inspection by the solid waste management authority at any reasonable time.

6 ____ REPORTING

Class III Facility:

1. Submit annually to the Division a report of the solid waste received at the site. The report must be submitted on a form provided by the Division within 30 days following the end of each calendar year.

2. The Permittee shall by January 31st 2009 and at least once every 5 years thereafter until the site is closed
   i. Indicate the remaining volume and disposal capacity of the site;
   ii. Indicate the volume used and waste disposed of since the original report of design; and
   iii. Calculate the remaining life of the site, in years.

6.1___ FINANCIAL ASSURANCE REPORTING. THE PERMITTEE SHALL:

1. Notify the Division of any adjustments made to the estimates for the amounts of closure and post-closure care in accordance with NAC 444.6851 and 444.68515;
2. Each year within 30 days following the end of each calendar year of the issuance of this Permit, the Permittee shall submit the closure and post-closure cost estimates adjusted for inflation.

6.2___ NOTIFICATION OF NEW CELL CONSTRUCTION

In accordance with NRS 444.556, the Permittee shall notify the Division in writing within 10 days following the commencement of construction of a new cell.

6.3___ All reports, notifications, or other submissions which are required by this Permit must be submitted by the specified due date to:

Nevada Division of Environmental Protection
Bureau of Waste Management
Solid Waste Branch Supervisor
901 S Stewart Street, Suite 4001
Carson City, NV 89701-5249

7 ____ GROUNDWATER MONITORING

- Groundwater Monitoring shall be conducted in accordance with the Valmy Power Plant Revised Groundwater Monitoring Plan May 2009

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7.1 Any deviation from the ground water monitoring plan must be approved in advance by the Division as a Permit modification in accordance with NAC 444.6435.

7.2 The monitoring wells are to remain continuously locked except during sampling, inspection, and repairs. Keys must be available at the landfill office at all times.

7.3 Groundwater Monitoring Reports shall be submitted as required by Section 6.4 by February 1st and August 1st of each calendar year. The reports shall be submitted in both hardcopy and electronic format.

8 MISCELLANEOUS CONDITIONS

1. Segregate and stockpile topsoil from landfill construction for use as growth medium for the final cover.

9 COMPLIANCE SCHEDULE

Reserved

10 AUTHORIZATION

Signature of Approving Officer	*Name and Title of Approving Officer*	*Date of Issuance*
	R. Eric Noack, Chief ***Bureau of Waste Management***	
		Date

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