

Increment 1 Buildout at Seminole Generating Station

Response to Third Request for Additional Information

December 30, 2010

Enclosures

ENCLOSURE 1

The leachate collection and leak detection system will drain by gravity through a HDPE pipe to Pond 8.

The SECI will conduct daily visual inspections of the aboveground leachate piping system to monitor for potential leaks. SECI will also record daily the leachate flow in gallons per day coming from the leachate collection system and the secondary leachate Collection/leak detection system. ~~will be checked weekly.~~ An Action Leakage Rate has been established for two operating conditions as follows:

- Before the first 10 foot lift of ash has been placed: 763.6 cf/a/d (5,712 gal/a/d)
- After ~~Before~~ the first 10 foot lift of ash has been placed: 40.14 cf/a/d (300gal/a/d)

Once the Action Leakage Rate is reached SECI shall notify FDEP and initiate an investigation as to the cause of this increased leachate flow.

Necessary cleaning or repairs will be performed in a timely manner to assure the leachate collection and leak detection systems continue to function as designed.

The Increment 1 Buildout leachate collection and leak detection piping must be water pressure cleaned and inspected by video recording after construction, and prior to initial placement of wastes. The piping must also be water pressure cleaned at least once every five years. If pipe sections cannot be cleaned or are suspected to be damaged, these sections must be inspected by video recording.

Emergency Preparedness and Response Plan

An attachment to this Operation Plan is the Seminole Generating Station “Integrated Contingency Plan (ICP)” dated 2009. This Plan is used for emergency preparedness and response.

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