AMENDED CLOSURE PLAN REVISION 1

point, but an auxiliary spillway was constructed near the former discharge structure to manage design storm flows.

The Plant Gaston Ash Pond will be closed by leaving CCR in place, with consolidation of CCR to reduce the closure footprint to approximately 193 acres. The Ash Pond will

Transmission Line Modifications

Modifications to the 230 kV transmission lines and support structures along the eastern end of the ash pond were required to allow for construction of the ash pond closure.

3. Vegetation management ð

As the wet material from the West Area is hauled to the East Area for

accomplished in phases and as soon as practi

method to dewater deeper CCR excavation. Additionally, pumping of surface water will be performed in the open-water pond in the West Area.

ii. Liquids Management

iii. Dredging and CCR Removal Activities

The closure approach employed for the Plant Gaston Ash Pond includes excavation of CCR in areas of the ash pond and consolidation of the CCR into a smaller footprint for closure with a final cover system. Excavations in the West, East and South areas will remove CCR to the bottom of pond down to existing

Á Review topographic mappinglppi raphyew borig

- The color of the exposed soil will then be specified and documented by using the Munsell color system in accordance with ASTM D1535.
-

Coefficient of recompression, Cr = 0.026
Coefficient of consolidation, Cv = 3.4 ft2/day

Seismic Parameters

- Shear wave velocity, Vs: Firm Ash: Vs = 1,300 feet per second (ft/s); range of 1,000 to 1,500 ft/s

  Soft Ash: Vs = 700 ft/s (average); range of 450 to 1,000 ft/s

- P-

Construction phasing is another important aspect of excavation stability in some areas. Specifically, the design requires that the western slope grading of the Ash Stack be performed to attain 4H:1V slopes in advance

xi. Operational Inspections

Inspections will be conducted by a Qualified Person at intervals not exceeding 7 days to look for appearances of structural weakness and for

- Side slope terraces
- Down slope channels/chutes
- Perimeter channels
-

be expected that a small percentage (i.e. 2%) of sand i1m1.04 Tf1 saPos/7-np(ed5(nt)4o l

6. Largest Area Requiring Final Cover ð § 257.102(b)(1)(v) and r. 335-13-15-.07(3)(b)1.(v)

The existing ash pond encompasses approximately 270 acres. The proposed closure approach will consolidate

19.