

Explanation





Pre-COLA site condition aerial imagery 1999 (South Carolina Dept. of Natural Resources).



COLA site condition aerial imagery 2006 (Cherokee County, SC, Sanborn Project 0600702, taken 2/26/2006).





Excavation Site Conditions 2003 Pre-COLA and 2006 During COLA Investigations FIGURE 12



Post draining excavation condition prior to cleaning. Sediment and water covered foundation surface in former CNS Unit 2. View towards north, March 3, 2006.



Example of rock cleaning. Water spray is used to remove excessive sediment from exposed rock surface. View towards west, March 3, 2006.

WILLIAM STATES LEE III NUCLEAR STATION UNITS 1 & 2

Pre- and Post-Cleaning Site Conditions for WLS COLA Investigations

FIGURE 13



| Boring | CNS Map Lithology | WLS Borehole Lithology | | |
|------------|--------------------------|------------------------|--|--------------------|
| Duke Lee (| COL Boring Comparison (N | 1ACTEC, 2007) | | Explanation |
| B-1001 | Felsic Gneiss | Meta-Quartz Diorite | | WLS Boring and CNS |

| B-1001A | Felsic Gneiss | Meta-Granodiorite | |
|---------|---------------|--|--|
| B-1002 | Felsic Gneiss | Meta-Granodiorite | |
| B-1003 | Felsic Gneiss | Meta-Quartz Diorite | |
| B-1004 | Felsic Gneiss | Meta-Quartz Diorite | |
| B-1004A | Mafic Gneiss | Meta-Diorite | |
| B-1005 | Felsic Gneiss | Meta-Granodiorite | |
| B-1007 | Felsic Gneiss | Meta-Granodiorite | |
| B-1008 | Mafic Gneiss | Meta-Diorite | |
| B-1009A | Felsic Gneiss | Meta-Granodiorite | |
| B-1010 | Mafic Gneiss | Meta-Granodiorite to Meta-Quartz Diorite | |
| B-1074 | Felsic Gneiss | Meta-Granodiorite | |
| B-1074A | Felsic Gneiss | Meta-Granodiorite | |

Duke Lee Post-Demolition Boring Comparison (Enercon, 2009)

| C-1P | Mafic Gneiss | Meta-Diorite* | |
|-------|---------------|-------------------|--|
| C-2P | Mafic Gneiss | Meta-Diorite | |
| C-3P | Mafic Gneiss | Meta-Diorite | |
| C-4P | Mafic Gneiss | Meta-Diorite | |
| C-5P | Mafic Gneiss | Meta-Diorite | |
| C-9AP | Mafic Gneiss | Meta-Diorite | |
| C-11P | Felsic Gneiss | Meta-Granodiorite | |
| C-15P | Felsic Gneiss | Meta-Granodiorite | |
| C-16P | Mafic Gneiss | Meta-Diorite | |

*Classification based on core photo and boring data summary sheet





PR No. DUK-001-PR-01 Revision 2 Page 100 of 107

NUCLEAR STATION UNITS 1 & 2

FIGURE 15



PR No. DUK-001-PR-01 Revision 2 Page 101 of 107

FIGURE 16



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