

**Table A.1 Phase 1 Recommendation Summary
Coal Combustion Product Impoundments and Disposal Facilities
Various Locations, Alabama**

PLANT	FACILITY	Facility Data							Phase 2 Engineering Evaluation				
		⁽¹⁾ Facility Type	Active/Inactive Status	⁽²⁾ Embankment Height (ft)	⁽²⁾ Maximum Water Storage (ac. ft.)	⁽²⁾ Surface Area (acres)	Operated Over Ash Pond	Stacked Weir Outlet Structure	Evaluation Recommended	⁽³⁾ Status	⁽⁴⁾ Estimated Start Date	⁽⁴⁾ Estimated Completion Date	Comments
Colbert Fossil Plant	Disposal Area 5 Dry Stack	ST	Active	120	N/A	75	Y	N	X	Future	Aug-09	Mar-10	Anticipate Completing Drilling September 2009
	Disposal Area 5 Drainage Basin	AP/OT	Active	17	121	12	N	Y	X	Future	Aug-09	Mar-10	Anticipate Completing Drilling September 2009
	Ash Pond 4	AP	Active	40	408	52	N	Y	X	Future	Aug-09	Mar-10	Anticipate Completing Drilling September 2009
	Closed Disposal Area 1	AP	Inactive	40	N/A	40	N	N	-	-	-	-	See Note 5
Widows Creek Fossil Plant	Abandoned Ash Disposal Area	ST	Inactive	NA	NA	136	N	N	-	-	-	-	See Note 5
	Bottom Ash Stack	AP	Active	36	1464	40	N	N	X	Active	May-09	Oct-10	Field Geotechnical Drilling Completed June 2009
	Gypsum Stack	GS	Active	79	6619	95	N	Y	X	Active	Jan-09	Jul-10	Field Geotechnical Drilling Completed May 2009
	Gypsum Stack Stilling Pond	SP	Active	15	135	9	N	N	X	Active	Jan-09	Jul-10	Field Geotechnical Drilling Completed May 2009
	Lower Stilling Pond	SP	Active	21	84	4	N	Y	X	Active	May-09	Oct-10	Field Geotechnical Drilling Completed June 2009
	Main Ash Pond A	AP	Active	53	8268	160	N	Y	X	Active	May-09	Oct-10	Field Geotechnical Drilling Completed June 2009
	Old Scrubber Sludge Pond Dredge Cell	DC	Inactive	53	6070	116	Y	N	X	Active	May-09	Oct-10	Field Geotechnical Drilling Completed June 2009
	Pump Pond	SP	Active	21	5.25	0.4	N	N	X	Active	May-09	Oct-10	Field Geotechnical Drilling Completed June 2009
	Upper Stilling Pond	SP	Active	21	84	4	N	N	X	Active	May-09	Oct-10	Field Geotechnical Drilling Completed June 2009

Notes:

1. Facility Types: AP - Ash Pond ST - Dry Stack DC - Ash Dredge Cell GS - Gypsum Stack OT - Other
2. Embankment height, maximum water storage and surface area data were obtained through cursory field and office measurements, and information reviewed during Phase 1. The data are approximations only and not intended to supersede previously reported values for design or regulatory purposes. The data presented are solely for determining a facilities eligibility for Phase 2 evaluations as part of this study. Prior to initiating Phase 2 efforts, data will be reviewed and additional measurements made, if necessary. Any facility deemed as not meeting the criteria for Further Phase 2 work will be removed from the schedule and further work halted.
3. Status of Phase 2 engineering evaluations are as of June 15, 2009.
4. Estimated start and completion dates may be adjusted based on further observations and findings.
5. Recommendations for additional engineering analysis of inactive facilities are generally limited to development of Record Drawings and updating the Operations & Maintenance Manual, unless otherwise noted.

Table A.2 Short Term Improvement Recommendations and Status
 Coal Combustion Product Impoundments and Disposal Facilities
 Various Locations, Alabama

Facility	Work Plan	Observation	Short Term Improvement Recommendation	Actual/Anticipated Submittal Date to TVA	Construction Status	Anticipated/Actual Construction Completion Date
Colbert Fossil Plant (COF)	Work Plan No. 1	Trees, heavy vegetation on various facilities	Removal of trees and mowing of slopes	April 30, 2009	Active	June 2009
Widows Creek Fossil Plant (WCF)	Work Plan No. 1	Storm water erosion of gypsum stack perimeter slopes, animal borrows and woody vegetation growth	Embankment slope repair and maintenance	February 3, 2009	Active	July 2009
	Work Plan No. 2	Lack of positive drainage in perimeter ditch surrounding the gypsum stack	Perimeter ditch repair and maintenance	February 3, 2009	Active	August 2009
	Work Plan No. 3	Old wood skimmer supported by four wood column foundation reportedly unstable and leaning	Gypsum Stack Stilling Pond skimmer replacement	February 25, 2009	Complete	April 2009
	Work Plan No. 4	Lack of stability bench storm water inlet structures and associated BMP's at the elevation 655 level.	Surface water collection system construction	May 22, 2009	Active	December 2009
	Work Plan No. 5	Two active spillway conduits discharging mid slope, lack of subdrainage system and sloughing near the toe of slope along west perimeter of the gypsum stack	Spillway pipe 12 replacement and spillway pipe 5 extension	June 2, 2009	Active	August 2009
	Work Plan No. 6	Abandoned spillway pipe penetrations through dike	Cleaning, inspection and grouting of Pipe 14 and 15	May 19, 2009	Active	June 2009

Notes:

1. Short term improvement recommendations are based on Stantec's observations as of June 15, 2009. Significant effort has been made by TVA to date to implement these recommendations and improve site conditions.
2. Table A.2 does not include system wide efforts by TVA to improve vegetation management, mitigate animal burrows/erosion, and install stone surfacing. Each of these activities improves site conditions and permits further inspection of sloped areas.