## Ash and Gypsum Disposal Project Milestones (12-08-05)

	Site	NEPA	Final Site	HydroGeo	HydroGeo	10%	Part I	50%	Part II	ARAP/404	ARAP/404	Permit	NEPA	100%	Begin	End	Date facility is	
Fасш <sub>і</sub> ў	Initiated	Initiation	Selection	Report	Report	Design	Application	Design	Application	Permit	Permit	Issued	Completed	Design	Const	Const	needed	Facility
	(RS/JPT)	(1 Te)	(EAGI I)	(RSOE)	(State)	(FES)	(EA)	(FES)	(FES/EA)	Application (FES/EA/	Issued (State/	(State)	(JPT)	Review (FES)	(HED)	(HED)	(BPM/JPT)	
BRF-	Initiated	Initiated	Onsite	Complete	Complete	Complete	Complete	Complete	Complete	04-15-05	04-15-06	12-15-06	05-01-05	01-15-07	03-01-07	12-01-07	04-01-08	BRF-
RDF_FA	N/A	Initiated	Oncito	04 15 06	10 15 00	12 15 05												FGD/BA
DNF-FA	N/A	muaied	Onsite	04-13-06	90-51-01	12-15-05	04-01-06	10-15-06	11-15-06	N/A	N/A	05-15-08	06-01-08	06-15-08	03-01-09	11-30-09	12-30-09*	BRF-FA
SHF	Initiated	Initiated	Onsite	N/A	N/A	Complete	N/A	01-15-06	02-15-06	N/A	N/A	08-15-07	09-01-07	11-01-07	12-01-07	N/A	06-01-07	SHE
ALF	Initiated	Initiated	4-01-06**	10-01-06	04-01-07	08-01-06	09-01-06	04-01-07	05-01-07	TBD	TBD	10-01-08	10-01-05	11-15-08	03-01-09	11-30-09	09-01-06	ALE
JSF	Initiated	Initiated	Onsite	09-30-06	09-30-07	03-01-06	06-15-06	08-15-06	11-01-06	TBD	TBD	11-01-08	TBD	11-15-08	12-01-08	09-30-09	09-01-10	ICE
JOF	Initiated	Initiated	11-01-05	05-15-06	05-15-07	02-01-06	03-15-06	06-15-06	07-15-06	TBD	TBD	07-15-08	10-05-05	08-15-08	10-01-08	09-15-09	11-01-07	IOF
KJF FGD/ASH	Initiated	Initiated	Onsite	Complete	Complete	Complete	Complete	Complete	Complete	N/A	N/A	06-01-06	09-01-06	10-01-06	03-01-07	11-30-08	04-01-09	KIF
KIF-FGD Peninsula	Initiated	Initiated	Onsite	Complete	05-15-06	01-15-06	Complete	04-15-06	05-15-06	06-01-06	06-01-07	11-15-07	12-15-07	01-15-08	03-01-08	11-30-08	04-01-09	KIF-FGD
COF Ash***	Initiated	Initiated	Onsite	N/A	N/A	Complete	N/A	03-01-06	N/A	N/A	N/A	N/A	05-01-06	06-01-06	10-01-06	09-30-07	12-01-07	COF Ash
OF GD***	Initiated	Initiated	Onsite	N/A	N/A	05-15-08	N/A	08-15-09	N/A	TBD	TBD	N/A	11-15-10	12-15-10	03-01-11	11-30-11	04-01-12	COF FGD
JSF FGD	02-15-06	02-15-06	02-15-08	05-15-09	11-15-09	11-15-08	05-01-09	02-15-10	04-15-10	TBD	TBD	10-15-11	01-15-08	12-15-11	03-01-12	11-30-12	04-01-13	JSF FCD
SHF FGD	02-15-07	02-15-07	02-15-09	05-15-10	11-15-10	11-15-09	05-01-10	02-15-11	04-15-11	TBD	TBD	10-15-12	01-15-09	12-15-12	03-01-13	11-30-13	04-01-14	SHF FGD
ALF FGD	80-C1-70		00 17 10	0									•					

<sup>\*</sup>Assumes 80% Fly Ash is Dry Stacked

Final Site Selection - Site is identified, TVA owned or optioned, and contains no fatal flaws

<sup>\*\*</sup>Assumes preferred greenfield site identified 10-01-05 and access allowed 90 days after site identification

<sup>\*\*\*</sup>While no permit is required, the facility is being designed to conform to TDEC Design Requirements

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Assumptions - No public opposition, NEPA proceeds concurrent with permitting, no marketing and no funding constraints

Notes - Definite dates of exhaustion of existing ash disposal capacity have not been determined at this time, dates given are best estimates provided by Fuels By-Product Management (BPM); JOF's date of need is the expiration of TransAsh's permit; FGD dates of need were provided by the JPT.

## Ash and Gypsum Disposal Project Milestones (03-08-06)

SHF FGD         02-13-06           SHF FGD         02-15-07			GD***	OF Initiated	Ash***	COF Initiated		KIE-ECD Initiated	FGD/ASH Initiated	JOF Initiated	JSF Initiated	ALF Initiated	SHF Initiated	BRF-FA N/A	FGD/BA Initiated	(RS/JPT)	Initiated	Facility Selection	Site	
00 17 00 00 17 00	07   02-15-07	06   02-15-06		ed Initiated		d Initiated		d Initiated	d Initiated	d Initiated	d Initiated	d Initiated	d Initiated	Initiated	d Initiated	PT)	ted (JPT)	_	e NEPA	
00 00 15 10	-07 02-15-09	-06   02-15-08		ed Onsite		ed Onsite		ed Oncite	ed Onsite	ed   11-01-05	ed Onsite	ed 4-01-06**	ed Onsite	ed Onsite	ed Onsite		$\Gamma$ ) $-$ (EA/JPT)		A Final Site	
05-15-11	05-15-10	3 05-15-09		A/N	• 1	N/A	Compress	Complete	Complete	5 05-15-06	09-30-06	** 10-01-06	N/A	04-15-06	Complete		T) (RSOE)		ite HydroGeo	
11 15 11	11-15-10	11-15-09		N/A		N/A	Compress	Complete	Complete	05-15-07	09-30-07	04-01-07	N/A	10-15-06	Complete	(State)	<u> </u>		0 HydroGeo	
11-15-10	11-15-09	11-15-08		05-15-08		Complete	01-10-00	01_15_06	Complete	02-01-06	03-01-06	08-01-06	Complete	12-15-05	Complete	(FES)	Review	Design	10%	
05-01-11	05-01-10	05-01-09		N/A		N/A	Compica	Complete	Complete	03-15-06	06-15-06	09-01-06	N/A	04-01-06	Complete		(EA)	Application	Part I	
02-15-12	02-15-11	02-15-10		08-15-09		03-01-06	07-10-00	04-15-06	Complete	06-15-06	08-15-06	04-01-07	01-15-06	10-15-06	Complete	(FES)	Review	Design	50%	
04-15-12	04-15-11	04-15-10		N/A		N/A	00-01	05-15-06	Complete	07-15-06	11-01-06	05-01-07	02-15-06	11-15-06	Complete		(FES/EA)	Application	Part II	
TBD	TBD	TBD		TBD		N/A	00-01-00	06-01-06	N/A	TBD	TBD	TBD	N/A	N/A	04-15-05	(FES/EA/ RSO&E)	Application	Permit	ARAP/404	
TRI	TBD	TBD		TBD		N/A	00-01-07	06-01-07	N/A	TBD	TBD	TBD	N/A	N/A	04-15-06	(State/ COE)	Issued	Permit	ARAP/404	
10-15-13	10-15-12	10-15-11		N/A		N/A	11-15-07	11_15 07	06-01-06	07-15-08	11-01-08	10-01-08	08-15-07	05-15-08	12-15-06		(State)	Issued	Permit	
01-15-10	01-15-09	01-15-08		11-15-10		05-01-06	12-13-07	12 15 07	09-01-06	10-05-05	TBD	10-01-05	09-01-07	06-01-08	05-01-05		(JPT)	Completed	NEPA	
12-15-13	12-15-12	12-15-11		12-15-10		06-01-06	01-13-00	01 15 00	10-01-06	08-15-08	11-15-08	11-15-08	11-01-07	06-15-08	01-15-07	(FES)	Review	Design	100%	
03_01_14	03-01-13	03-01-12		03-01-11		10-01-06	03-01-00	02 01 00	03-01-07	10-01-08	12-01-08	03-01-09	12-01-07	03-01-09	03-01-07		(HED)	Const	Begin	
11_30_14	11-30-13	11-30-12		11-30-11		09-30-07	11-30-00	11 20 00	11-30-08	09-15-09	09-30-09	11-30-09	N/A	11-30-09	12-01-07		(HED)	Const	End	
04-01-15	04-01-14	04-01-13		04-01-12		12-01-07	04-01-09	04 01 00	04-01-09	11-01-07	09-01-10	09-01-06	06-01-07	12-30-09*	04-01-08		(BPM/JPT)	needed	Date facility is	
ALE ECD	SHF FGD	JSF FGD		COF FGD		COF Ash	Peninsula	מום פרם	KJF FGD/Ash	JOF	JSF	ALF	SHF	BRF-FA	BRF- FGD/BA			Facility		

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