

TVA Calculation Package

Title JOF - Ash Disposal Area 2 & 3 Phase 2 Geotechnical Report

Location Description: JOF Ash Disposal Area No. 2&3 <i>(Optional)</i>	Total Pages: <i>(including appendices & attachments)</i> 5
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Calculation ID *(All parts required to form a unique ID):*

Org Code	Location/ Plant Code	Branch Code	Alphanumeric Part = Discipline Code (1) + Type Code (1) + "X" + Unit Field (3) + Sys Code (3) + Year (4) + Sequence No. (4)
FPG	JOF	FES	CDX00000020100009

NOTE: When referencing the calculation ID, include all parts without spaces or dashes between them.

Unit(s), Spill gate(s), or Voltages (PSO): 000	Key Nouns (For CTS/CCRIS): CTS
Applicable Design Document(s):	Rev RIMS/EDMS Accession Number <i>(Optional)</i>
	R0
UNID System(s): 000	R
	R

	R0	R	R	R
DCN, PCN, NA	NA-WP			

Prepared: Sign→				
Print Name	Paul J Cooper, PE			

Checked: Sign→				
Print Name	Stephen Bickel, PE			

These calculations contain unverified assumption(s) that must be verified later? Yes No
 These calculations contain special requirements and/or limiting conditions? Yes No

Approved: Sign→				
Print Name	Stephen Bickel, PE			

Approval Date _____

These calculations contain a design output attachment? Yes No

Revision Applicability				
<input type="checkbox"/> Entire calc	<input type="checkbox"/> Entire calc	<input type="checkbox"/> Entire calc	<input type="checkbox"/> Entire calc	<input type="checkbox"/> Entire calc
	<input type="checkbox"/> Selected pgs			

Computer output Microfiche generated? Yes No Number: _____

Purpose of the Calculation: Evaluation of slope stability and seepage of existing conditions for JOF Ash Disposal Area 2&3

Abstract: The geotechnical report details the evaluation of slope stability and seepage for the existing conditions of Ash Disposal Area 2&3 at the Johnsonville Fossil Plant.

Electronically file and return calculation to Calculation Library.
 Electronically file and return calculation _____ Address: _____

TVA Calculation Record of Revision

Calculation Identifier: FPGCOFFESCDX00000020100009

Title JOF - Ash Disposal Area 2 & 3 Phase 2 Geotechnical Report

Revision No.	Description of Revision
0	JOF Ash Disposal Area 2&3 geotechnical report to evaluate slope stability and seepage for existing conditions.

TVA Computer File Storage Information Sheet

Page: 4 of 5

Calculation Identifier: FPGJOFFESCDX00000020100009 Rev. 0 Plant: JOF

Subject: This geotechnical report addresses slope stability and seepage for existing conditions at JOF Ash Disposal Area 2&3. GEO-SLOPE International, Ltd. software was utilized for the analysis. Results of the analyses are contained within the report.

Software Name: SLOPE/W and SEEP/W **Revision Level:** 2007

Vendor Name: GEO-SLOPE, Ltd.

Address: Calgary, Alberta, Canada

Executable Files

No TVA developed **executable files** were used in this calculation.

Comments:

TVA developed **executable files** used in this calculation have been stored electronically and sufficient identifying information is provided below for each executable file. *(Any retrieved file requires re-verification of its contents before use.)*

Input Files

Electronic storage of the **input files** for this calculation is not required.

Comments:

Input files for this calculation have been stored electronically and sufficient identifying information is provided below for each input file. *(Any retrieved file requires re-verification of its contents before use.)*

