TOUGH CHANGE NOTICE

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TVA/COO	ļ	FORM A	- DES	IGN C	HANG	E NOT	LICE	<u> </u>	Page	≥ 1 of <u>2</u>	
1. a. DCN Type	b. Clas			2.	DCN	No.	JOF	-05-1055		Rev.	0
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TVA/	000	FOR	M A - DESIGN CHANGE NOTICE	Page 2 of 2
			DCN REVISION LOG	
Revision Number	Effective Date	Pages Affected	Description of Revision	
0	10/25/05	All	Initial Issue	
			DCN CONTINUATION SHEET	
0.0144		2-2-19-1-19-1-19-1-19-1-19-1-19-1-19-1-		
6. Cont'd Requester Change o Problem Statemen	d r			
11. Cont	I			
Approved Change Description				
·		RELATED DCN	S REQUIRED TO COMPLETE THIS MOD	IFICATION
TVA 40872 [12-20031		Page 2 of 2	COO-SPP-9.2-1 [12-22-2003]

FORM A1 - DCN SCREENING REVIEW Page 1 of 1

OCN No. <u>JOF-05-1055</u> Rev. <u>0</u>	age <u>1</u>	of <u>1</u>
Answer the following questions as they pertain to this DCN's scope of work.		
System Number and Name Easture or Component UNID 300 Facilities and Grounds		
eature or Component UNID 300 Facilities and Grounds		
PART 1. ORGANIZATIONAL IMPACTS OF THIS DESIGN CHANGE		
Does this modification create, revise, or otherwise affect:	YES	NO
1. Procedures, operator instructions, operator letters, or Start-up/Rehab Procedure, SOPs?		\boxtimes
		\boxtimes
in that we did a foreign review?		\boxtimes
		\boxtimes
9. Logic or controls for components or systems		\boxtimes
10. Environmental Process or Procedures		\boxtimes
11. Other (identify on the "Special Requirements" line of Modification Impact Review Form) If any of the above questions are answered "YES", then the appropriate Impact Review Form Bs and attached to this DCN at issuance. PART 2. DESIGN BASIS IMPACTS OF THIS DESIGN CHANGE	shall be cor	mpleted
If any of the above questions are answered "YES", then the appropriate Impact Review Form Bs and attached to this DCN at issuance. PART 2. DESIGN BASIS IMPACTS OF THIS DESIGN CHANGE		mpleted
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f any of the above questions are answered "YES", then the appropriate Impact Review Form Bs and attached to this DCN at issuance. PART 2. DESIGN BASIS IMPACTS OF THIS DESIGN CHANGE Does this modification create, revise, or otherwise affect: 1. Special Requirements prior to, concurrent with, or after this modification? 2. Design Criteria?		NO M
f any of the above questions are answered "YES", then the appropriate Impact Review Form Bs and attached to this DCN at issuance. PART 2. DESIGN BASIS IMPACTS OF THIS DESIGN CHANGE Does this modification create, revise, or otherwise affect: 1. Special Requirements prior to, concurrent with, or after this modification? 2. Design Criteria? 3. System Descriptions?		NO
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If any of the above questions are answered "YES", then the appropriate Impact Review Form Bs and attached to this DCN at issuance. PART 2. DESIGN BASIS IMPACTS OF THIS DESIGN CHANGE Does this modification create, revise, or otherwise affect: 1. Special Requirements prior to, concurrent with, or after this modification? 2. Design Criteria? 3. System Descriptions? 4. Calculations? 5. Equipment/Systems Specifications? 6. Univerified Assumptions that must be resolved prior to RTO? 7. Horsepower, Circuit Breaker trip settings, fuse size or type, cable size/length? 8. System pressure, flow, temperature, setpoints, relay settings? 9. OSHA requirements? 10. Environmental permits, compliance status, or other environmental impacts? 11. Other (e.g., Modification Criteria at the discretion of the business unit)? f any of the above questions are answered "YES", then a Modification Criteria Form C must be outstached to this DCN at issuance. If both Form B, and Form C are required based on Parts 1 and 2 above, this Screening Review Form B. DNN package.	YES	NO N
If any of the above questions are answered "YES", then the appropriate Impact Review Form Bs and attached to this DCN at issuance. PART 2. DESIGN BASIS IMPACTS OF THIS DESIGN CHANGE Does this modification create, revise, or otherwise affect: 1. Special Requirements prior to, concurrent with, or after this modification? 2. Design Criteria? 3. System Descriptions? 4. Calculations? 5. Equipment/Systems Specifications? 6. Unverified Assumptions that must be resolved prior to RTO? 7. Horsepower, Circuit Breaker trip settings, fuse size or type, cable size/length? 8. System pressure, flow, temperature, setpoints, relay settings? 9. OSHA requirements? 10. Environmental permits, compliance status, or other environmental impacts? 11. Other (e.g., Modification Criteria at the discretion of the business unit)? 15 any of the above questions are answered "YES", then a Modification Criteria Form C must be outstached to this DCN at issuance. 16 both Form B, and Form C are required based on Parts 1 and 2 above, this Screening Review Form B. SCN hands from C are required based on Parts 1 and 2 above, this Screening Review Form B. SCN hands form C are required based on Parts 1 and 2 above, this Screening Review Form B. SCN hands form C are required based on Parts 1 and 2 above, this Screening Review Form B.	YES	NO N
If any of the above questions are answered "YES", then the appropriate Impact Review Form Bs and attached to this DCN at issuance. PART 2. DESIGN BASIS IMPACTS OF THIS DESIGN CHANGE Does this modification create, revise, or otherwise affect: 1. Special Requirements prior to, concurrent with, or after this modification? 2. Design Criteria? 3. System Descriptions? 4. Calculations? 5. Equipment/Systems Specifications? 6. Unverified Assumptions that must be resolved prior to RTO? 7. Horsepower, Circuit Breaker trip settings, fuse size or type, cable size/length? 8. System pressure, flow, temperature, setpoints, relay settings? 9. OSHA requirements? 10. Environmental permits, compliance status, or other environmental impacts? 11. Other (e.g., Modification Criteria at the discretion of the business unit)? 1 any of the above questions are answered "YES", then a Modification Criteria Form C must be contached to this DCN at issuance. If both Form B, and Form C are required based on Parts 1 and 2 above, this Screening Review Form the DCN package. If all the above questions can be answered "NO", then attach this DCN Screening Review Form that a screening review was performed.	YES	NO N
any of the above questions are answered "YES", then the appropriate Impact Review Form Bs and attached to this DCN at issuance. PART 2. DESIGN BASIS IMPACTS OF THIS DESIGN CHANGE Does this modification create, revise, or otherwise affect: 1. Special Requirements prior to, concurrent with, or after this modification? 2. Design Criteria? 3. System Descriptions? 4. Calculations? 5. Equipment/Systems Specifications? 6. Unverified Assumptions that must be resolved prior to RTO? 7. Horsepower, Circuit Breaker trip settings, fuse size or type, cable size/length? 8. System pressure, flow, temperature, setpoints, relay settings? 9. OSHA requirements? 10. Environmental permits, compliance status, or other environmental impacts? 11. Other (e.g., Modification Criteria at the discretion of the business unit)? any of the above questions are answered "YES", then a Modification Criteria Form C must be contached to this DCN at issuance. both Form B, and Form C are required based on Parts 1 and 2 above, this Screening Review Form the DCN package. all the above questions can be answered "NO", then attach this DCN Screening Review Form the above questions can be answered "NO", then attach this DCN Screening Review Form the above questions can be answered "NO", then attach this DCN Screening Review Form the above questions can be answered "NO", then attach this DCN Screening Review Form the above questions can be answered "NO", then attach this DCN Screening Review Form the above questions can be answered "NO", then attach this DCN Screening Review Form the above questions can be answered "NO", then attach this DCN Screening Review Form the above questions can be answered "NO", then attach this DCN Screening Review Form the above questions can be answered "NO", then attach this DCN Screening Review Form the above questions can be answered "NO", then attach this DCN Screening Review Form the CN Package.	YES	NO N

Page 1 of 1

TVA 40917 [01-2003]

COO-SPP-9.2-2 [01-02-2003]

Form B IS NOT REQUIRED

CN N	ο.	JOF-05-1055	R	ev 0	Page _	1	_ of _	3
0 5	SCOF	PE						
Α		System(s): 0						
В	3.	Feature(s): 300 FACILI	TIES AND GRO	DUNDS				.: (45000
С)	Scope Description: Pla	nt varying tree	species based	on ET rates and	survivab	ility statis	stics (~15000
		trees) to develop ET cap	over the dreda	e cell. Two ac	lditional monitorin	g wells v	vill be ins	talled. The
		water levels will be moni	tored, as well a	s the survivabi	lity/success of the	trees to	determi	ne if the tree
	_	cap is a success.						
۲	_ D.	List existing design crite	ria document(s	with revision	number that cove	r this mo	dification	1:
	-							
	•							
2.0	DES	IGN BASIS						
	Prov	ide the following informa	tion if it applies	to this modific	ation; otherwise n	nark "N/A	۹".	
		ne required information ca						ent number.
	15 +6	o required information of	an he found in 6	existing design	inbar accameurs	, give in	e docume	, in the initial and
NOTE	- 11 11	ie required information of	able section(s)	•				
NOTE	revi	ision number, and application	able section(s).	•				
NOTE	revi	ision number, and applicational Requirements	able section(s). hts:					
NOTE	revi	ision number, and applications Functional Requirement Addendum to the Exist	able section(s). hts: ing Operations	Manual, Evapo	otranspirative Tre	e Cap Pi		
NOTE	revi	Functional Requiremer Addendum to the Exist IDL 43-102-0082 DuPo	able section(s). Its: Ints: Ints Operations Int Oredge Cell	Manual, Evapo , Johnsonville	otranspirative Tre Fossil Plant (JOF	e Cap Pi)	roposal,	
<u>NOTE</u>	revi	Functional Requiremer Addendum to the Exist IDL 43-102-0082 DuPo OSHA Requirements:	able section(s). Ints: Intg Operations Int Dredge Cell	Manual, Evape , Johnsonville	otranspirative Tre Fossil Plant (JOF	e Cap Pi)	roposal,	
<u>NOTE</u>	revi A.	Functional Requiremer Addendum to the Exist IDL 43-102-0082 DuPo OSHA Requirements:	able section(s). Ints: Intg Operations Int Dredge Cell	Manual, Evape , Johnsonville	otranspirative Tre Fossil Plant (JOF	e Cap Pr	roposal,	
<u>NOTE</u>	A. B.	Functional Requiremer Addendum to the Exist IDL 43-102-0082 DuPo OSHA Requirements: N/A	able section(s). Its: Ints: Ints: Ints Operations Int Dredge Cell	Manual, Evapo , Johnsonville	otranspirative Tre Fossil Plant (JOF	e Cap Pi	roposal,	
NOTE	revi A.	Functional Requiremer Addendum to the Exist IDL 43-102-0082 DuPo OSHA Requirements: N/A SSC Operating Enviro	able section(s). Ints: Intg Operations Int Dredge Cell Internal Cell Internal Cell Internal Cell	Manual, Evapo , Johnsonville	otranspirative Tre Fossil Plant (JOF	e Cap Pi	roposal,	
NOTE	A. B.	Functional Requiremer Addendum to the Exist IDL 43-102-0082 DuPo OSHA Requirements: N/A SSC Operating Enviro	able section(s). Ints: Intg Operations Int Dredge Cell Internal Cell Internal Cell Internal Cell	Manual, Evapo , Johnsonville	otranspirative Tre Fossil Plant (JOF	e Cap Pi	roposal,	
NOTE	A. B.	Functional Requiremer Addendum to the Exist IDL 43-102-0082 DuPo OSHA Requirements: N/A SSC Operating Enviro	able section(s). Ints: Intg Operations Int Dredge Cell Inment:	Manual, Evape , Johnsonville	otranspirative Tre Fossil Plant (JOF	e Cap Pi	roposal,	
NOTE	A. B. C.	Functional Requiremer Addendum to the Exist IDL 43-102-0082 DuPo OSHA Requirements: N/A SSC Operating Enviro N/A Electrical Requirement	able section(s). Ints: Intg Operations Intg Operations Interpreted Cell Interpr	Manual, Evap , Johnsonville	otranspirative Tre Fossil Plant (JOF	e Cap Pi	roposal,	
NOTE	A. B. C.	Functional Requiremer Addendum to the Exist IDL 43-102-0082 DuPo OSHA Requirements: N/A SSC Operating Enviro N/A Electrical Requirement	able section(s). Ints: Intg Operations Int Dredge Cell Inment: Its:	Manual, Evap , Johnsonville	otranspirative Tre Fossil Plant (JOF	e Cap Pi	roposal,	
NOTE	A. B. C.	Functional Requiremer Addendum to the Exist IDL 43-102-0082 DuPo OSHA Requirements: N/A SSC Operating Enviro N/A Electrical Requirement N/A Instrumentation Requirement	able section(s). Ints: Intg Operations Int Dredge Cell Inment: Its:	Manual, Evap , Johnsonville	otranspirative Tre Fossil Plant (JOF	e Cap Pi	roposal,	
NOTE	A. B. C.	Functional Requiremer Addendum to the Exist IDL 43-102-0082 DuPo OSHA Requirements: N/A SSC Operating Enviro N/A Electrical Requirement	able section(s). Ints: Intg Operations Int Dredge Cell Inment: Its:	Manual, Evap , Johnsonville	otranspirative Tre Fossil Plant (JOF	e Cap Pi	roposal,	
NOTE	A. B. C. D.	Functional Requiremer Addendum to the Exist IDL 43-102-0082 DuPo OSHA Requirements: N/A SSC Operating Enviro N/A Electrical Requiremen N/A Instrumentation Requiremen	able section(s). Ints: Intg Operations Int Dredge Cell Inment: Its: Its:	Manual, Evapo	otranspirative Tre Fossil Plant (JOF	e Cap Pi	roposal,	
NOTE	A. B. C.	Functional Requiremer Addendum to the Exist IDL 43-102-0082 DuPo OSHA Requirements: N/A SSC Operating Enviro N/A Electrical Requirement N/A Instrumentation Requirement N/A Protection and Contro	able section(s). Ints: Intg Operations Int Dredge Cell Inment: Its: Its:	Manual, Evapo, Johnsonville	otranspirative Tre Fossil Plant (JOF	e Cap Pi	roposal,	
NOTE	A. B. C. D.	Functional Requiremer Addendum to the Exist IDL 43-102-0082 DuPo OSHA Requirements: N/A SSC Operating Enviro N/A Electrical Requirement N/A Instrumentation Requirement N/A Protection and Contro	able section(s). Ints: Intg Operations Int Dredge Cell Inment: Its: Its:	Manual, Evapo, Johnsonville	otranspirative Tre Fossil Plant (JOF	e Cap Pi	roposal,	
NOTE	A. B. C. D.	Functional Requiremer Addendum to the Exist IDL 43-102-0082 DuPo OSHA Requirements: N/A SSC Operating Enviro N/A Electrical Requirement N/A Instrumentation Requirement N/A Protection and Contro	able section(s). Ints: Intg Operations Int Dredge Cell Inment: Its: Irements: I Requirements	Manual, Evapo, Johnsonville	otranspirative Tre Fossil Plant (JOF	e Cap Pi	roposal,	
NOTE	Revi	Functional Requiremer Addendum to the Exist IDL 43-102-0082 DuPo OSHA Requirements: N/A SSC Operating Enviro N/A Electrical Requirement N/A Instrumentation Requirement N/A Protection and Contro N/A	able section(s). Ints: Intg Operations Int Dredge Cell Inment: Its: Irements: I Requirements	Manual, Evapo, Johnsonville	otranspirative Tre Fossil Plant (JOF	e Cap Pi	roposal,	

		FOF	RM C – MODIFICATION C	RITERIA			
DCN N	0.	JOF-05-1055	Rev 0	Page _	2	_ of _	3
	Н.	Civil Requirements N/A					
	l.	Telecommunications Req N/A	uirements				
	J.	Logic for Operation N/A					
	K.	Maintenance N/A					
	L.	Installation Requirements N/A	3				
	M.	Hazardous Waste Requi (Including 29CFR1910.119(N/A	rements 1) Management of Change to	Highly Hazardous	Materials	;)	
	N.	NEPA Environmental Re FPG Project Environme <u>r</u>	view Commitments Ital Management Plan Out	line completed			
	Ο.	Other (e.g., location, secur	ity, FME, cleanliness, and En	nergency Notificatio	on Systen	n requirem	ents)
3.0 <u>Note</u>	If th	ST AND INSPECTION REQU e required information can b uments, give the document r	e found in existing TVA ge	eneral specification and applicable so	ons and ection(s)	constructi	on
	Α.	Component Testing (inc	luding any construction ch	ecks)			
	В.	System Testing N/A					
	C.	In Service Inspection Addendum to the Existin IDL 43-102-0082 DuPor	ng Operations Manual, Ev nt Dredge Cell, Johnsonvi	apotranspirative le Fossil Plant (J	Tree Ca IOF)	p Proposa	al.

						2
ON No.	JOF-05-1055	Rev 0	- Page _	3	of _	3
OP	ERABILITY, RELIABILITY	, MAINTAINABILITY, PERF	ORMANCE ANAL	YSIS		
_N/A						
-						
	NAME OF THE OWNER OWNER OF THE OWNER					
	OMMENTS					
<u>N//</u>						
0 R	EFERENCES AND ATTAC	HMENT				
Α.						
	_N/A					
В.	Other Beferences (if	required, attach I/A summary	/, sketches, etc.)			
υ.		,				
					······································	
.0 S		OR UNVERIFIED ASSUMP	TIONS (UVA)			
А	9 0	pecial Requirements				
	N/A	A CONTRACTOR OF THE CONTRACTOR				
В	Non-Engineering Sp	ecial Requirements				
	N/A					

DOCUMENT REQUEST FORM / DCN FORM D

	Rev 0		
trawings are included in DCN # JOF-05-1055			
drawings are included in PDL #	Rev		
drawings are not associated with a DON or PDL	# of Drawings:1		
PLANT Johnsonville Fossil Plan	nt UNIT(s): 0		
Project Title Description. JOF271-DuPont Dredge	Cell Remediation	2217771	
PCM or W O Number:	inc Engineeric	g Short Code Number: 0017KXJ	
	Address LP2G-C	Phone: 751-6421	
Eng. (PE) or Program Manager: Jamey Dotson			
Dr	awings Prepared By:		
v T	VOITH	V	
TVA^	Other		
PARSONS MESA			
ALSTOM A			
William are nrecare	d by an outside A.E., please mark code ac	cordingly	
If drawings and property	. 222	Phone 751-6421	
Jamey Dotson	Address: LP2G-C	751 5701	
	Address LP2G-C	Phone 751-6704	
rvisor H.L. Petty			
Special Filling Instructions.			
Special Limite			
OR: COMPLETE THIS SECTION FOR ISSUE OF TVA D conditions on the package contains the package contains.	RAWINGS Strat working dens/JOF/DCN JOF-05-1	055	
OR: COMPLETE THIS SECTION FOR ISSUE OF CHAPTER AND Advanced for this issue are in folders on \(\text{NChaptest}\) The package contains the released for the Issue Process. The package contains the released for the Issue Process.	is all drawings listed and electronic files ha	we been placed on the ma server	
ge is released for the Issue Process The passage		Z-10- <u>06</u>	1
John John John	7/	Date	
Supervisor Signature			
OT ADMIN: COMPLETE THIS SECTION FOR RELEASE	OF VENDOR DRAWINGS		
OT ADMIN: COMPLETE THIS SECTION FOR THE	PLY		
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s of drawings / documents are provided for scanning when at filing instructions for listed items which are NOT to be in	serted into the Automahayer system	Phore	
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Signature			
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	Sheet and Drawing List (With all DATES)		
Supervisor, address above. Copy of Completed Release Stengineer, address above. Copy of Completed Release Stengineer, address above. Copy of Completed Release	neet and Drawing List (With all DATES)		
Engineer, address above, Copy of Completed Release Standards, address above, Copy of Completed Release of Manager, address above, Copy of Completed Release.	Sheet and branning issue:		

		DCN NUMBER		JOF-05-1055	•	REV.	0			Unit(s)0
	С Е М І	 = Architectural Drawings = Civil Drawings = Electrical Drawings = Mechanical Drawings = Instrumentation Drawing = Protective & Controls I 	ngs	ngs	S BOM RPT V	= Tele = Ske = Bill = Rep = Ven = Cale	tch of Ma ort dor [ateria Docu		SP = Specification REF = Reference Documents not included in the DCN package ENV = Enviornmental Documents PRM = Permit O = Other
Code		Document/DCA/ESK	Rev	Base Drawing	Sheet	Rev	••	Cat	Contract No.	Title or Description
Code	ii	JOF-05-1055-001	0	10W218	8	0	Х	S	N/A	Tree Planting Plan 2006
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^{*} Mark a check beside decuments included in the DCN package. Other decuments maintained in a controlled storage system shall be referenced by a retrievable document or EMDS number

Form E IS NOT REQUIRED

	FORM F – MODIFICATION TURNOVER PACKAGE DATA SHEET										
1.	<i>Jof-05-</i> DCN No. 1055		F	Rev. 0			Page _	1	of _	11	_
			PAR	TI-SCOPE	/ DESC	RIPTION					
2.	PLANT/TL/SUB _	JOF		UNIT(s)	0	Т	_/SUB No.	0			_
3.	SSC INVOLVED	N/A		SYSTEM	300	U	NID		·N/A		
4.	TUDNOVED DACK	ACE CCORE/D	ESCRIPTI	ON (If less the	an full	scope is turne	d over, ind	icate th urned o	e scope ir ver.)	ncluded.	
	Include additional data sheets as necessary for other partial scopes until the full scope is turned over.)										
											i
		PART II – AC	TIONS RE	QUIRED FOR	RETU	JRN TO OPE	RABILITY	(RTO)			
										YES	N/A
5.	A. ALL IMPACT	T ITEMS REQU N COMPLETED	RED FOR	R RTO, AS ID	ENTIF	IED ON IMPA EW FORMS A	CT REVIE	W FOR CHED.	MS,		\boxtimes
	R ALLIEVEL	LACTIONS AS	IDENTIF	IED ON THE	IMPAC	T REVIEW F	ORMS, IF		ABLE,		\boxtimes
	HAVE BEEN	A COMPLETED	. (REQUIF	RED FOR FIE	LD WC	OHK DONS O	NLY)				\boxtimes
	C. WORK ORD (REQUIRED	DER IMPLEMEN D FOR FIELD W	ORK DCN	VERIFIED CC	JMPLE	16.					
	VE	RIFIED BY IMP	LEMENTI	NG ORG.: _							\boxtimes
		EQUIREMENT									
		TESTING, IF F		D, WAS COM	IPLETE	D AND EVAL	.UATED.			LJ	123
6.	SPECIAL CONDIT	IONS, IF APPL	ICABLE:								
	·										
7.	BASED ON A REV	IEW OF THE A ENDED. (N/A I	BOVE DO	OCUMENTS, I	RTO O	F THE SYST	EM AFFEC	TED B	Y IHIS		
	Vrny Pater		XO	H)7/2/4		3/6/06		N/A			N/A
	Yamey Dotson RE-SE	3/6/06 DATE	R	H. L. Petty E-SE- SUPV		DATE	0	PERAT		1	DATE
-	NE-SE			TIONS REQU	UIRED	FOR DCN CI	OSURE				
-	YES N/A										
8.	8. ALL IMPACT ITEMS REQUIRED FOR DCN CLOSURE HAVE BEEN COMPLETED. ALL LEVEL II										
9.	BASED ON REVIE	EW OF THE AB	OVE DOC	CUMENTS, CI	LOSUF	RE OF THIS D	CN IS RE	СОММ	ENDED.	\boxtimes	
	Dinum	HAN	_	3/6/06		X Ho	H. L. Petty	19			6/06
-	Jamey R	Dotson E		DATE			RE SUP				DATE

Form G IS NOT REQUIRED

An FPG Project Environmental Management Plan Outline was completed for this project.

FORM F - MODIFICATION TURNOVER PACKAGE DATA SHEET											
1.	J <i>of-05</i> DCN No. 1055			Rev. 0			Page _	1	of	1	_
			PAR	TI-SCOPE	/ DESCRI	PTION					
2.	PLANT/TL/SUB	JOF		UNIT(s)	0	TL	/SUB No.	0			_
2	CCC INVOLVED	Ν1/Λ		CVCTEM	300	1 11	VIID.		- N/A		
4. TURNOVER PACKAGE SCOPE/DESCRIPTION (If less than full scope is turned over, indicate the scope included.											-
Include additional data sheets as necessary for other partial scopes until the full scope is turned over.)											
		PART II AC	TIONS RE	QUIRED FOR	RETUR	N TO OPER	RABILITY ((RTO)			
		TAIT II - AC	7110110111	. GOINED 1 OI						YES	N/A
5.	A. ALLIMPAC	T ITEMS REQU	JIRED FO	R RTO. AS ID	ENTIFIEC	ON IMPA	CT REVIE	W FOR	MS,		⊠
	HAVE BEE	N COMPLETED). COPIES	OF IMPACT	REVIEW	FORMS A	RE ATTAC	HED.			57
		LI ACTIONS, AS IN COMPLETED						APPLIC	ABLE,		⊠
		DER IMPLEMEI D FOR FIELD V			MPLETE	-					⊠
	`	RIFIED BY IMP		•							
	D. SPECIAL F	REQUIREMENT	S IMPLEM	IENTED.							⊠
	E. POST-MOI	D TESTING, IF	REQUIRE	D, WAS COMI	PLETED /	AND EVAL	JATED.				☒
6.	SPECIAL CONDIT	TIONS, IF APPL	ICABLE:								
7.	BASED ON A REV				RTO OF T	HE SYSTE	M AFFEC	TED BY	THIS		☒
	Ving Dotson	3/6/06	X9	1)7/2/15		3/6/06		N/A			V/A
	RE-SE	DATE	Ri	E-SE- SUPV		DATE	OF	PERATI	ONS		ATE
		PAI	RT III – AC	TIONS REQU	IRED FO	R DCN CL	OSURE				
										YES	N/A
8. ALL IMPACT ITEMS REQUIRED FOR DCN CLOSURE HAVE BEEN COMPLETED. ALL LEVEL II 🔲 🔯 ITEMS HAVE BEEN COMPLETED.										\boxtimes	
9. BASED ON REVIEW OF THE ABOVE DOCUMENTS, CLOSURE OF THIS DCN IS RECOMMENDED.											
Muy Jonson 3/6/06 & H2970 3/6/06										106	
	R			DATE			RE SUP∜			D	ATE .

	TVA/COO		FORM A	- DES	IGN C	HANG	E NOT	ICE	<u> </u>	Page	1 of 7	
1. a.	DCN Type	b. Clas			2.	DCN			05-1055	I rage	Rev.	To
	Base DCN	Rou	 tine Design Chan	ige 🛛	3.		TL/SU	1	JOF		riev.	10
	☐ PIC for Base/	i	umentation Only			Facili	ty					
	Parent DCN No.:		erial Equivalency				L/SUB		0			
		c. Adva	ance Authorizatio ′es ⊠ No	n	4.	Syste	m(s)	300				-
			PAR	TI-R	EQUE	STED (CHAN	GE				· · · · · · · · · · · · · · · · · · ·
5.	Authorizing Docume	nts										
6.	Requested Change of Problem Statement	c w to ir T	he DuPont dredge losure regulation vet spots develop ook place due to the cell have ris DEC has had tak he cell will preven	s, with a led on the the cell len. The ken noti	a 24 ind he wes liner ha ere are ce and	ch comp t side of aving a 5 existi wants	pacted of the collower lower ng piez the pro	soil ca ell at th permea zomete blem re	p (6 inches to e toe of the P ability than the rs installed to esolved. Lowe	support vegonate and the cover and the monitor the coring the water	etation). I A bathtub në water I water leve	n 2003, effect evels
7.	1) Johnson		FPG/EDS/C	ivil	751-6	5421	8.	NG	12/11/2	etty	2/10	06
	Initiator's Name (Print)	Organizatio		Pho				Supervisor/Pri	ncipal Engr		Date
		- (PAR Skip blocks 9 an	T II - IN	IITIATI	ON AP	PROV	AL				
9.	X ASE	$\overline{}$	Citip blocks 5 am	10/0	/	T	Inonz	ation A	approvai)	θ_{n}	<u> </u>	
J.		viewed)	1/10	2/06 ate	10.	X.		Local	5	2//0	
	INITIATOR'S DEP		IT MANAGER		ale		EN	IGRG/	Approved OPERATIONS	MANAGER		Date
			PART III - APP			NGE/E	ETAIL	ED D	ESIGN			
11.	Approved Change De	escription	☐ Planned	l at Initi	ation				If different the			ugh
12.	monitored, as w Advanced Authorizati	n evapora de the ce rell as the on Appro	ative tree cap ove ell. Two additiona e survivabilty/succ oval	r the that monito	e dredg oring w the tree	ge cell. ells will	These	trees v	vill perform E1 The water lev	to lower the els will be success.		
13.	(If applicable, otherwi		· · · · · · / · · · · · · · · · · · · ·	or Mar		<u></u>				Date		
14.	Does this change cor Poes this change add	dress the	full scope of the	onstraii authoriz	nts that zing doc	require cument	e contir ?	mation	before RTO?	1	⊠Yes [⊠Yes [□ No □ No
15.	James Tot	m	751-6421	1	05	16.	1	Einer	1 John	~ -	2/18	100
	/ RE	/ N	Phone	D	ate	}	U		Civil Lead		7 1	ate
17.	Electric	al/1&C Le	ad	<u>-</u>	ate	18.			N/A Mechanical L	oad:		Date
19.	N	/A			<u> </u>	20.	-		NIECHAINCAI L	Bau	<u></u>	
	Ope	rations		D	ate	20.			Maintenanc	е		Date
21.	N,	/A				22.	XR	olut	(Car	is ola	3-)	3-14
	System	n Enginee	er	D:	ate	-		Imple	menting Orga			Date
23.		<i> </i>				25.	//	Defe		gu		3-06
0.4	Telecom	municatio	ons		ate	-	(PI	ant / Site Mar	ager		Date
24.	Engrg or Site	Engra M	lanager		3 - 0 C ate	26	D	70		EDMS#		
							B	/9 ⁻	0602	1 1 - 0 (J 6	
Т	7		P#	ART IV	- DCN	CLOS	URE					
27.	Kron J Facility Manager	or Foor	Manager	3-2-	06 ate	29.			CLOSUF	RE EDMS #		
28.		560		2/24		29)[[(B)	UVE			
Mark [*] TVA 4	"N/A]' in any blocks not 10872-FPG [07-2004]				age 1 c	12	F	EB 1	6 2006			
	(0. 2004)				age i C	B:	·		<u> </u>	1		

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TVA/	coo	FORM	A - DESIGN CHANGE NOTICE	Page 2 of 2
			DCN REVISION LOG	
Revision Number	Effective Date	Pages Affected	Description of Revision	
0	10/25/05	All	Initial Issue	
			DON CONTINUATION SUCET	
		· ·	DCN CONTINUATION SHEET	
6. Cont'd Requested				
Change or Problem				
Statement	:		·	
11. Cont'c				
Approved Change				
Description	n			
		RELATED DCNS	REQUIRED TO COMPLETE THIS MODIFIC	CATION
			•	
1				

FORM A1 - DCN SCREENING REVIEW Page 1 of 1

DCN N	No. <u>JOF-05-1055</u> Rev. <u>0</u>	Page	1	of _1
Syster	er the following questions as they pertain to this DCN's scope of work. The Number and Name 0			
Featu	re or Component UNID 300 Facilities and Grounds			
	ORGANIZATIONAL IMPACTS OF THIS DESIGN CHANGE this modification create, revise, or otherwise affect:			
			YES	NO
1.	Procedures, operator instructions, operator letters, or Start-up/Rehab Procedure, SOPs?			\boxtimes
2.	Operations or maintenance training?			
3.	Facility component labeling?			
4.	Preventive Maintenance (PM) activities?			\square
5.	Temporary Alterations to systems or components?			\boxtimes
6.	Vendor Manuals affecting operations or maintenance?			\boxtimes
7.	Predecessor DCNs/WOs?			\boxtimes
8	Post-Modification or Pre-operational tests requiring Engineering review?			\boxtimes
9.	Logic or controls for components or systems			\boxtimes
10.	Environmental Process or Procedures			\boxtimes
11.	Other (identify on the "Special Requirements" line of Modification Impact Review Form)			\boxtimes
	T 2. DESIGN BASIS IMPACTS OF THIS DESIGN CHANGE this modification create, revise, or otherwise affect:		VE0.	T NO
	lo ilp i li l		YES	NO 🗵
1.	Special Requirements prior to, concurrent with, or after this modification?	_		
2	Design Criteria?		౼	
3.	System Descriptions?		_뭐_	
4.	Calculations?		ㅡ	
5.	Equipment/Systems Specifications?			
6.	Unverified Assumptions that must be resolved prior to RTO?		౼	
7.	Horsepower, Circuit Breaker trip settings, fuse size or type, cable size/length?	$-\vdash$	_ <u> </u> _	
8.	System pressure, flow, temperature, setpoints, relay settings?	_	<u> </u>	
9.	OSHA requirements?		<u> </u>	
10.	Environmental permits, compliance status, or other environmental impacts?		\square	
If any	Other (e.g., Modification Criteria at the discretion of the business unit)? of the above questions are answered "YES", then a Modification Criteria Form C must be	comple	ted an	
attach If <u>both</u> from t	ed to this DCN at issuance. 1 Form B, and Form C are required based on Parts 1 and 2 above, this Screening Review he DCN package. 1 He above questions can be answered "NO", then attach this DCN Screening Review Form	Form r	nay be	omitted
	screening review was performed. 7 11/3/05 × 2			3/15/0 6
1	Prepared By (Signature) Date OPS/Engrg Manager	Da	áte	

TVA 40917 [01-2003]

Page 1 of 1

COO-SPP-9.2-2 [01-02-2003]

DCN # JOF-05-1055

Form B IS NOT REQUIRED

N/A

	FORM C - MODIFICATION CRITERIA												
DCN N	lo.	JOF-05-1055	Rev _0	Page	1	_ of _	3						
1.0	sco	PE					_						
	۹.	System(s): 0											
E	3.	Feature(s): 300 FACILITIES A	ND GROUNDS										
(Э.	Scope Description: Plant vary	ing tree species	based on ET rates a	nd surviva	bility statis	stics (~15000						
		trees) to develop ET cap over th	ne dredge cell. T	wo additional monito	ring wells	will be ins	talled. The						
		water levels will be monitored, a	is well as the sui	vivability/success of	the trees t	o determi	ne if the tree						
		cap is a success.											
ı	D.	List <u>existing</u> design criteria doct		rision number that co		odification	:						
2.0		SIGN BASIS											
	Prov	vide the following information if it	applies to this m	nodification; otherwis	e mark "N	Ά".							
NOTE	If the rev	he required information can be for vision number, and applicable se	ound in existing cotion(s).	lesign input documer	nts, give th	e docume	ent number,						
	A.	Functional Requirements:		- House Harry Agents									
		Addendum to the Existing Ope	erations Manual,	Evapotranspirative T	ree Cap F	roposal,							
		IDL 43-102-0082 DuPont Dred	dge Cell, Johnso	nville Fossil Plant (Jo	OF)								
	В.												
		N/A											
	C.	SSC Operating Environment:											
	0.	•											
	D.	Electrical Requirements:											
	E.	Instrumentation Requirement N/A	s:										
	F.	Protection and Control Requi	rements:										
		N/A											
	G.	•											
		N/A											
1		· · · · · · · · · · · · · · · · · · ·											

FORM C - MODIFICATION CRITERIA												
DCN N	o	JOF-05-1055	Rev 0	Page	2	_ of	3					
	Н.	Civil Requirements N/A										
	1.	Telecommunications Red										
	J.	Logic for Operation N/A										
	K.	Maintenance N/A				- 10 m						
	L.	Installation Requirements	5									
)											
	N.	NEPA Environmental Review Commitments FPG Project Environmental Management Plan Outline completed										
O. Other (e.g., location, security, FME, cleanliness, and Emergency Notification System requirem N/A												
3.0	TEST	Γ AND INSPECTION REQU	UREMENTS									
Note If the required information can be found in existing TVA general specifications and constru documents, give the document number, revision number, and applicable section(s).												
	Α.	Component Testing (incl N/A	uding any construction ch	ecks)			·					
	В.	System Testing N/A										
	C.		g Operations Manual, Ev) Proposal						
		10L 43-102-0082 DuPor	t Dredge Cell, Johnsonvil	ie rossii Plant (Ji	UF)							

	FORM C - MODIFICATION CRITERIA											
DCN N	1 0.	JOF-05-1055	Rev	0	Page 3	of <u>3</u>						
4.0	OPE N/A	ERABILITY, RELIABILITY, MA				s						
				·								
5.0	CO	MMENTS				TALL AND						
	N/A											
6.0	REF	ERENCES AND ATTACHME	NT									
÷	Α.	List of Required Design In										
					9/11/14							
	B.				sketches, etc.)							
7.0	enr	ECIAL DECLUBEMENTS OF L	INVENIEUS.	• • • • • • • • • • • • • • • • • • • •	010 (1)(1)							
7.0	A.	ECIAL REQUIREMENTS OR L Engineering UVAs/Specia N/A			ONS (UVA)							
			7004160									
	B.	Non-Engineering Special I	Requirements									
				·								

· Last Modified: 07-25-02

DOCUMENT REQUEST FORM / DCN FORM D

V	These drawings are i	ncluded in DCN #	JOF-05-1055		Rev	0	_				
	These drawings are i	ncluded in PDL #			. Rev						
	These drawings are r	not associated wit	h a DCN or PDL		# of Drawings:	1	·				
		PLANT:	Johnsonville Foss	il Plant	UNIT(s):	0					
	Project	Title/Description:	JOF271-DuPont Dr	redge Ce	ell Remediation						
		or W/O Number:					gineering Short C	ode Number	0017KXJ		
F	Project Eng. (PE) or P		Jamey Dotson		Address:	- LP2G-C		Phone:	751-6421		
	Tojout 2.19. (1 2) 01 7	rogram managor.	- Camery Potential	Drowis				17.00.0	75.332.		
				Drawir	ngs Prepared	by.					
		TVA	X	T		VOITH		V-			
		PARSONS		Ρ		Other					
		MESA		M							
		ALSTOM		Α							
			If drawings are prep	ared by a	an outside A/E,	please mark co	de accordingly.				
Engineer:		Jamey Dotson			.Address:	LP2G-C		Phone:	751-6421		
Ligitiesi		Daniey Dotson			_ Address.	LF2G-C		r none.			
Section S	lupervisor:	H.L. Petty			_ Address:	LP2G-C		Phone:	751-6704		
Comment	is / Special Filing Inst	ructions.									
											-
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	ISOR: COMPLETE T	 								· · · · · · · · · · · · · · · · · · ·	
	onic drawing files for t								······································		
This pack	kage is released for It	e Issue Process.	The package contai	ns all dra	wings listed and	t electronic files			server.		
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l	× /4 /	Supervisor Signa	ituro /	//-		-		ate	_		
L	· · · · · · · · · · · · · · · · · · ·	Oupervisor Orgine	arure /				0.	a(C			
CONTRA	ACT ADMIN: COMPL	ETE THIS SECT	ON FOR RELEASE	OF VEN	DOB DRAWING	35					
	onic drawing files for t				BOTT BITATION				***************************************		
1	es of drawings / docu				nic files aren't av	ailable					
	cial filing instructions f		-								
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		Signature			D	ate			Phone	-	
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FOR R	ECORDS USE OF	ILY									
Tracking	No										
Date Aut	oCad Files Received										
Date Dra	wings Cleared										
Date Dra	wings Mailed :										
CC:											
Section 9	Supervisor, address a	bove, Copy of Co	impleted release She	eet and D	rawing List (Wil	h all DATES)					
1	Ingineer, address abo										
	Manager, address at										

		DCN NUMBER	**********	JOF-05-1055	· .	REV.	0			Unit(s)0
	C E	= Architectural Drawings= Civil Drawings= Electrical Drawings	i.		S BOM	= Ske = Bill	etch of M		als	SP = Specification REF = Reference Documents not included in the DCN package ENV = Enviornmental Documents
		Mechanical DrawingsInstrumentation Drawings	ngs			= Re = Vei		Docu	ıments	PRM = Permit O = Other
		= Protective & Controls I		ngs	CN	= Ca	culat	ion		
Code		Document/DCA/ESK	Rev	Base Drawing	Sheet	Rev	**	Cat	Contract No.	Title or Description
С	X	JOF-05-1055-001	0	10W218	8	0	Χ		N/A	Tree Planting Plan 2006
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^{*} Mark a check beside documents included in the DCN package. Other documents maintained in a controlled storage system shall be referenced by a retrievable document or EMDS number.

^{**} Check mark if anticipated drawing.

PLEASE DISTRIBUTE HARD COPIES TO THE FOLLOWING:

V. JAMES DOTSON, LP 2G-C, ONE HALF-SIZE SET DONNIE WALLACE, JOF 1A-NJT, ONE HALF-SIZE SET EDDIE MULLINAX, JOF 1A-NJT, ONE HALF-SIZE SET TONY DILLON, JOF 1A-NJT, ONE HALF-SIZE SET DON OLIVER, COF 1D-TSA, THREE FULL-SIZE SETS DCN # JOF-05-1055
Form E IS NOT REQUIRED
N/A

Form F IS NOT REQUIRED

DCN # JOF-05-1055
Form G IS NOT REQUIRED

An FPG Project Environmental Management Plan Outline was completed for this project.

Work Completion Statement

scope of this DCN. If all DCAs within a DCN are completed concurrent with (only) will serve as the listed of DCAs implemented. Work Instruction Document (Work Order, Work Plan, DCN, PIC, etc) DCA	which were implemen	Rev. 0 1 of	1 fied for the
Implementing Organization Engineer: List all the DCAs with revision levels scope of this DCN. If all DCAs within a DCN are completed concurrent wit (only) will serve as the listed of DCAs implemented. Work Instruction Document (Work Order, Work Plan, DCN, PIC, etc) DCA	which were implemen	nted and veri	fied for the
scope of this DCN. If all DCAs within a DCN are completed concurrent with (only) will serve as the listed of DCAs implemented. Work Instruction Document (Work Order, Work Plan, DCN, PIC, etc) DCA	s which were implement the RTO of the DCN	nted and veri , then the D0	fied for the
(Work Order, Work Plan, DCN, PIC, etc) DC/			ON number
JOF-05-1055 -001	Α	Rev.	PRI/SEC
		0	SEC
·			
		-	
Part II. Work Completion Verl	lfication		
Rotest (Comenda) 2-17-06 Proposer Date	Reviewer	2/2	Z/Ob Date
When completed, forward this form to the Engineering Records t	Unit (ERU), LP 1A-C or I	ax (423) 751-	4623.

TVA 17918 [12-2004]

	TVA/COO	– DES	- DESIGN CHANGE NOTICE					Pag	e 1 of	2			
1. a	. DCN Type	b. <u>Class</u>			2.	DCN	No. JOF-05-1055				<u> </u>	ev.	0
	Base DCN PIC for Base/		ne Design Chang nentation Only	ge 🛛	3.	Plant/ Facilit	TL/SUB/ JOF		JOF		l		
	Parent DCN No.:				L/SUB	No.	0						
		c. Advar	al Equivalency ice Authorization	n —	4.	Syste		300		· · · · · · · · · · · · · · · · · · ·			
		☐ Ye	s ⊠ No										
<u> </u>	T		PAR	TI-RE	QUE	STED (CHAN	GE					
5.	Authorizing Docume	nts											
6.	Requested Change of Problem Statement	s, with a ed on th he cell en. The en notic	a 24 ind ne wes liner ha ere are ce and	t side of aving a 5 existing wants	pacted of the co lower p ng piez the pro	soil ca ell at th permea comete blem r	s put into clos p (6 inches to le toe of the Plability than the ers installed to esolved. Lowe from reaching	support ve hase 2 dike cover and monitor the ering the wa	getation. A batter the water terminates the second	on). Ir athtub ater le er leve	n 2003, effect evels ls.		
7.	1) J. Logison		FPG/EDS/C	ivil	751-6	6421	8.	Nº1	12/19	etty		2/10/06	
	(Initiator's Name (Print)	Organizatio		Pho				Supervisor/Prir	ncipal Engr		Date	
		(8)		11 - IN					· · · · · · · · · · · · · · · · · · ·				
9.	1262	$\overline{}$	kip blocks 9 an	2/		T	itnonz	ation A	Approvaij	θ_{2}	 i	- /	
] 3.		viewed		1/13	2/06 ate	10.	X.		Approved	<u></u>	_		106
	INITIATOR'S DEP	ARTMENT	MANAGER		ate		EN	IGRG/	OPERATIONS	, MANAGE	R	U	ate
	PART III - APPROVED CHANGE/DETAILED DESIGN												
11.													
	Plant varying tree species based on evapotranspiration (ET) rates and survivability statistics(roughly 15,000 trees) to develop an evaporative tree cap over the the dredge cell. These trees will perform ET to lower the water levels inside the cell. Two additional monitoring wells will be installed. The water levels will be monitored, as well as the survivability/success of the trees, to determine if the tree cap is a success.												
12.	Advanced Authorizat (If applicable, otherw	ion Approv	al	or Mar						Da	te		
13.	Does this change cor							mation	before RTO?	,	⊠ Y	es [] No
14.	Does this change add	dress the fu	all scope of the a	authoriz	ing do	cument	?		7		⊠ Y	es [□No
15.	Joney 1, 25h	3~_	751-6421	11/3/	05	16.	XX	Eline	1 och			2/10	100
	/ RE	/ N	Phone	D	ate	 	$\vdash \cup$		/ Civil Lead			<u>'</u> C	ate
17.	Flectric	<i>l 1</i> al/I&C Lea	4	D:	ate	18.			Mechanical L				<u> </u>
19.	λĺ	/A	<u> </u>		ale				Wednanical Li	eau			ate
13.	Ope	erations		Di	ate	20.			Maintenanc	e			ate
21.	N	/ A				22.	XIR	· luk	(Car		*********		3- 0Z
	Systen	n Engineer		Da	ate			Imple	ementing Orga				ate
23.	<i>U</i>	<i>[P</i>				25.	12	and 1		sec		2-1:	3-06
	Telecom		ate	-		<u> </u>	lant / Site Mar	ager		D	ate		
24.	Engrg or Site		3.006	26			ISSUE	EDMS#					
		Light ivia	nayer	Da	ate								
			P/	ART IV	- DCN	CLOS	SURE						
27.									CLOSU	RE EDMS #	<u> </u>		
	Facility Manage	r or Engrg	Manager	Da	ate	29.	CLOSURE EDMS #						
28.]							
	RE Signature	for DCN C t applicable		Da	ate								

Mark "N/A" in any blocks not applicable.
TVA 40872-FPG [07-2004]