GPU	Nuclear	T Operatin	MI-2 g Procedure		Number 4215-	-OPS-3255.02
Title FHB/F	uel Transfer Cask	Loading Stati	on Decon Spray S	ystem	Revision No	0- 2-87-0/58 0-02
Applicability/S	Scope Plant Operations				Responsible	e Office 1210
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A	Nuclear	TMI-2	Number				
	Cinacical	Operating Procedure	4215-0PS-3255				
Title		······································	Revision No.				
	FHB/Fuel Transfer Cas	k Loading Station Decon Spray System	0-01				
1.0	PURPOSE						
	To provide instructio System	ons for operating the FHB/FTC Loading	Station Decon Spray				
2.0	<u>SCOPE</u>						
	TMI-2 Operations Pers	onne 1					
3.0	REFERENCES						
	3.1 Bechtel Dwg., 1 Transfer Canal/	5737-2-M74-DWCO2, P & ID, Defueling W 'Spent Fuel Pool Cleanup System	ater Cleanup Fuel				
	3.2 Bechtel Dwg., 1 Decon System, F	5737-2-P70-CLDO1, Area Piping Drawing HB	, Canister Loading				
	3.3 System Operatin tion Station, 2	ng Description for Fuel Transfer Cask -M250-CLD-01	Loading/Decontamina-				
	3.4 4210-0PS-3212.0	6, Standby Reactor Coolant Pressure C	ontrol System				
4.0	LIMITS AND PRECAUTION	TS AND PRECAUTIONS					
	4.1 Do not exceed 1	25 psig on the CLD-P-1 surge suppress	or.				
	4.2 Do not exceed 1	25 psig on CLD-P-1 discharge.					
	4.3 Operation of th "A" and the FTC decontaminated	e Decon Spray System will result in w . Water additions of approximately 5 can be expected.	ater addition to SF /8" per 7 canisters				
	4.4. Valves leading system, must be	to other portions of the DWC system n closed to maintain proper pressure i	ot involved with CL n the CLD system.				
5.0	PREREQUISITES						
	_5.1 Verify with the addition to SFP	Control Room that SPC-T-4 Chemistry	is within spec. for				
	_5.2 Verify that SPC (above 55%).	-T-4 level is within the normal opera	ting band				
	_5.3 Verify that SFP tion.	"A" level is between 327'1" elevation	n and 327'll= eleva				
	_5.4 Verify that FTC	level is between 327'1" elevation an	d 327'11" elevation				
	_5.5 Determine that (See 1 & P 4.3)	operation of the CLD system will not	overflow the FTC.				

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Title			Operating Procedure	4215-0PS-3255.02		
	FHR/F	uel Transfer Cas	k Loading Station Decon Sprav System	0-01		
	5.6 Verify that Service Air System is in normal operation per the Control Roo					
	_5.7 Verify with the SF that there are no DWCS operations in progress which would interfere with the operation of CLD.					
	_5.8	Complete Sectio	n 7.1, Valve Line-Up.			
	_5.9	Notify Shift Fo to 180°F.	reman of intent and adjust SPC-T-4 temp	erature controller		
	NOTE: This must be performed to allow ample time for heat-up prior to operation of the system for canister decon.					
6.0	PROCE	DURE				
	_6.1	When Decon Spra CLD-VOO7 to obt	y Ring operation is desired, OPEN CLD-VI ain 40 to 60 psig on CLD-PI-4.	006 and adjust		
	_6.2	5.2 Open CLD-VOO1 to activate spray and allow any ambient temperature water in piping to be flushed out.				
·	_6.3	6.3 Activate spray as FTC hoist up motion begins.				
	6.4 To stop spray close CLD-VOOl or to stop spray remotely close CLD-VOO6.					
	_6.5 When spray is no longer required per 4215-DPS-3252.10, CLOSE CLD-V006, after pressure is bled off, CLOSE CLD-V001.					
	_6.6	Perform Section	8.1, Shutdown Valve Line-Up.			
	_6.7	Notify Shift Fo to 80°F.	reman of intent and adjust SPC-T-4 temp	erature controller		
7.0	PREST	ART CHECKLIST				
	7.1	Startup Valve L	ine-Up - Attachment El			
8.0	<u>Shuto</u>	OWN CHECKLIST				
	8.1	Shutdown Valve	Line-Up - Attachment E2	Ċ		
9.0	.0 DATA SHEETS/ATTACHMENTS					
	9.1	Attachment El		UT.		
	9.2	Attachment E2		14		

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gpu	Nuclear	TMI-2 Operating Procedure	Numbe 4215	r -OPS-3255.02
Title FHB/Fuel Transfer Cask		B/Fuel Transfer Cask Loading Station Decon Spray System		n No. 0-02
		7.1 VALVE LINE-UP SHEET		
VALVE NO.	DESCRIPTIO	<u>N</u>	POSITION	INITIALS
SPC-V1	SPC-T-4 Main Ou	tlet	Open	
DWC-V321	CLD-P-1 Suction		Open	
DWC-V322	CLD-P-1 Dischar	ge	Closed*	
CLD-V008	CLD-PI-4 Gage I	solation	Open	
CLD-V009	Pulsation Dampe	r Isolation	Open	
CLD-V006	Motive Air to C	LD-P-1	Closed	
CLD-V011	CLD-P-1 Dischar	ge to Spray Ring	Open	
DHC-V101	CLD-P-1 Bypass		Closed	
DWC-V051	Flush Isolation	to DWCS RV/IX	Closed	
DWC-V246	Vent		Closed	
DWC-V106	Flush Isolation	to RV Filter Manifold	Closed	
DWC- V05 9	Flush Isolation	to DWC-P-2A/2B	Closed	
DWC-V313	Flush Isolation	to Sample Box 1	Closed	
DHC-V314	Flush Isolation	to Sample Box 2	Closed	
DWC-V323	Spray Header Is	olation	Closed	
CLD-V004	CLD-FI-1 Low St	de Isolation	Open	•
CLD-V005	CLD-FI-1 High S	ide Isolation	Open	
CLD- V 003	CLD-PI-2 Gage I	solation	Open	No. of the second s
CLD-VO12	CLD-P-1 Downstr	eam Isolation	Open	
CLD-V001	Spray Ring Inle	t	Closed	A
CLD-V002	Flush Connectio	n	Closed	
CLD-V010	Header Drain		Closed	
CLD-V013	Flush Header Ve	nt	Closed	
*Unless op	en for DWCS flush	ing		

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GPU	Nuclear	TMI-2 Operating Procedure		Number 4215-	-OPS-3255.02
Title FHB/Fuel Transfer Cask		oading Station Decon Spray System		Revision No. C=02	
		I.1 SHUTDOWN VALVE LINE-UP ST	HEET		
VALVE NO.	DESCRIPTIO	N	POSI	TION	INITIALS
DWC-V321	CLD-P-1 Suction		Clos	eđ	
DWCV322	CLD-P-1 Dischar	ge	Clos	ed	
CLD-V006	Motive Air to C	LD-P-1	Clos	ed	
CLD-V001	Spray Ring Inle	t	Clos	ed	
CLD-V011	CLD-P-1 Dischar	ge to Spray Ring	Clos	ed	
CLD-V012	CLD-P-1 Downstr	eam Isolation	Clos	eđ	

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