

50-358 DCS/Reactor
Start-up
Reports

THE CINCINNATI GAS & ELECTRIC COMPANY



September 17, 1981

E. A. BORGMANN
SENIOR VICE PRESIDENT



PRINCIPAL STAFF			
DIR		E&IS	
D/D		PAO	
A/D		SLO	
DR&PI			
DE&TI			
DEP&OS		File	

U. S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region III
Glen Ellyn, Illinois 60137

ATTENTION: Mr. James G. Keppler
Regional Director

SUBJECT: Wm. H. Zimmer Nuclear Power Station - Clermont County, Ohio
Construction/Fuel Load Schedule and Progress Update
August, 1981.

Gentlemen:

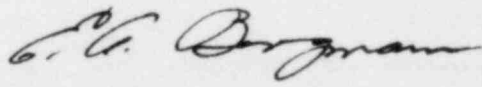
Please be advised regarding the above subject that this project is considered 96.6% complete as of August 25, 1981.

Attached are copies of the form showing actual dates and status of various activities.

Please feel free to contact us if there are any questions or comments.

Very truly yours,

THE CINCINNATI GAS & ELECTRIC COMPANY

By 
E. A. Borgmann
Senior Vice-President

EAB:dw

cc: Wm. H. Lovelace
W. F. Christianson, NRC Resident Inspector

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TUNING DATES & STATUS
BWR CONSTRUCTION MILESTONES AND ACTIVITIES
FOR
WM. H. ZIMMER NUCLEAR POWER STATION

DOCKET NO. 50-358

STATUS DATE - August, 1981

I-J Numbers	(Description & Account Numbers)	Activity Started	Activity Complete	Est. Status	
0 8005	Mobilize	3-71	6-71	Compl.	
0 8014	Tenden Tunnel & Backfill	10-72	5-73	Compl.	
0 8155	Install Diesel Generator and Oil Tank Building (1220)	5-74	9-79	Compl.	
0 8235	Install Condensate Water Storage Tank (2491-3310)	6-74	10-75	Compl.	
0 8245	Install Reactor Clean-Up System Demineralizers (2423-5110, 5250, 5410) (2427-5410)	7-75	11-75	Compl.	
0 8265	Install RHR Pumps (2425-5110)	7-75	2-78	Compl.	
0 8270	Install RHR Heat Exchangers (2425-5210)	11-75	11-75	Compl.	
0 8280	Construct Radioactive Waste Facility (1260)	4-74	12-78	Compl.	
0 8315	Install Motor Control Centers (MCC's) and 480 Volt Unit Substation (4711-7470, 7490) (4718-7470)	12-75	5-78	Compl.	
0 8320	Install Instrumentation Air System (2652)	6-76	4-79	Compl.	
0 8330	Install Recirculating Piping (2641)	11-72	5-79	Compl.	
0 8341	Install Reactor Building Closed Cooling Water System (2673)	7-75	5-79	Compl.	
0 8350	Install HPCS, LPCS and ADS Systems (2647) 2648) & M S Relief Valves	10-75	5-79	Compl.	
0 8365	Install Standby Liquid Control System (2681) (2422)	2-76	5-79	Compl.	
0 8370	Process Control & Logic Instrumentation Calibration (2470)	8-75	2-82 Est.	97%	
0 8400	Install 6.9KV Reserve Power Supply (4715)	10-75	6-77	Compl.	

I-J NUMBERS

(Description & Account Numbers)

Activity
StartedActivity
CompletedEst.
Status

0	8405	Install Conduit and Cable Trays (4750-7110, 7180, 7120)		8-73	5-81	Compl.	
0	8410	Install 6.8KV and 4.16KV Auxiliary Switchgear (4712)		11-75	7-79	Compl.	
0	8415	Install Cables (Instrumentation, Control and Power) (XXXX-7310 thru 7370)(XXXX-7210 thru 7270)		2-76	2-82 Est.	98%	
0	8420	Perform Construction Testing on Cables (Megger, Continuity, Etc.)	CG&E	2-76	8-81 Est.	95%	
0	8425	Install Batteries and Chargers (4722-7550, 7560)		4-76	2-77	Compl.	
0	8430	Install Process Instruments (2650-0000) (2470-0000)		6-76	2-82 Est.	97%	
0	8520	HPCS and LPCS Actuation and Partial Flow Test	CG&E	5-81	11-81 Est.	50%	
0	8525	RCIC Actuation and Partial Flow Test	"	7-81Est	11-81 Est.	3%	
0	8530	RHR System Actuation and Flow Test	"	7-81Est	11-81 Est	10%	
0	8535	Stand-by Liquid Control System Actuation Flow Test	"	10-79	3-82 Est.	40%	
0	8540	Recirculation Pump Cold Flow and Vibration Test	"	4-81	1-82 Est.	40%	
0	8545	Integrated Diesel Generator Synchronizing Test	"	4-82Est	5-82 Est.	29%	
0	8550	Service Water System and Closed Water Systems Test	"	10-78	3-82 Est.	46%	
0	8555	Battery Capacity Test	"	11-78	10-79	Compl.	
0	8570	DC Inverter/Diverter System Test	"	10-80	4-82 Est.	81%	
0	8575	Control Rod Drive Hydraulic System Test	"	4-79	4-81	Compl.	
0	8580	Feedwater and Condensate System Test (2 Elements)	"	10-79	3-82 Est.	75%	
0	8585	Instrument Air System Test	"	7-79	2-81	Compl.	
0	8590	Fire Protection System Test	"	6-79	4-82 Est.	75%	
0	8595	Flammability Control System (HG)	"	12-81Est	4-82 Est.	0%	

<u>I-J Numbers</u>		<u>(Description & Account Numbers)</u>		<u>Activity Started</u>	<u>Activity Completed</u>	<u>Est. Status</u>
0	8510	Reactor Building Vent System Test	CG&E	9-80	5-81 Est.	73%
0	8730	Speical Nuclear Material License Issued	CG&E	4-77	7-78	Compl.
0	8735	Applicant Submits Emergency Plan	CG&E	9-75	11-77	Compl.
0	8740	Applicant Submits Security Plan	CG&E	9-75	5-77	Compl.
0	8745	Applicant Submits Quality Assurance Program for Operations	CG&E	9-75	12-77	Compl.
0	8750	Applicant's Review and Approval of Test Results	CG&E	7-82 Est.	7-82 Est.	0%
0	8755	Applicant's Preparation of Power Ascension Test Program	CG&E	4-77	7-82 Est.	25%
0	8805	Install Control Room Consoles and Equipment (2475)(2471)		8-75	2-82 Est.	90%
0	8810	Accumulation of Environmental Data (One (1) or Two (2) Years)				Compl.
0	8820	Install and Calibrate Nuclear Instrumentation (2474)		12-75	5-80	Compl.
0	8900	Install Primary Switchyard	CG&E	8-75	8-78	Compl.
0	8905	Install Off-Gas Systems (2685) (2462)		4-74	6-81	Compl.
0	8240	Install Condensate Suction Header to RCIC System (2642) (2634)		5-75	2-77	Compl.
8005	8015	Prepare Site (1100)		5-71	6-71	Compl.
8015	8050	Install Reactor Building Foundation (1211)		6-73	10-73	Compl.
8050	8200	Install Drywell and Suppression Chamber and Reactor Pressure Vessel Pedestal (2213) (2411)		10-73	2-82 Est.	90%
8055	8825	Construct Reactor Buiding and Integral Structures (1210)		10-73	9-79	Compl.
8060	8145	Construct Turbine/Generator Foundation (3514)		10-73	6-78	Compl.
8065	8915	Install Off-Gas Stack (2466-3610)		8-76	7-78	Compl.
8075	8920	Install Secondary Heat Sinks (Cooling Towers)(3571)		9-73	5-76	Compl.
8115-8120		Install Containment Penetrations (Sleeves in Liner) (2213-3770)		12-73	11-74	Compl.

I-J Numbers	(Description & Account Numbers)	Activity Started	Activity Complete	Est. Status	Page 4
8140 8275	Install Service Water Intake Structures (1280)	8-74	10-78	Compl.	
8145 8910	Install Condenser, Turbine Generator and Piping (Exclusive of Condensate and Feedwater Piping) (3531) (3511)	8-75	12-80	Compl.	
8150 8285	Install Feedwater and Condensate Water System (2623) (2634)	1-75	5-79	Compl.	
8155 8445	Install Diesel Generator (2487-5160)	5-76	8-78	Compl.	
8165 8430	Install Drywell Air Cooler System (2624)	7-76	1-82 Est.	92%	
8175 8180	Install Containment Biological Shielding (2213-3750,2740,2720,2730)	2-75	11-77	Compl.	
8200 8300	Install Reactor Pressure Vessel (On Site) (2411-5310)	11-75	1-76	Compl.	
8205 8230	Install Recirculating Pump (2412-5110)	9-75	12-78	Compl.	
8210 8325	Install Main Steam Lines to MSIV	9-75	3-77	Compl.	
8215 8465	Install Control Rod Drive System (2414)(2684)	7-75	4-79	Compl.	
8220 8440	Install Reactor Internals (2411-5610)	10-75	4-79	Compl.	
8245 8335	Install Reactor Clean-Up System Pipe, Fittings & Valves (2643-6540,6640)	2-76	10-78	Compl.	
8270 8360	Install RHR Pipe, Fittings and Valves (2646-6540)	10-75	10-78	Compl.	
8275 8470	Install Cooling Water Pipes and Controls (2621) (WS SYS)	11-72	1-81	Compl.	
8280 8605	Install Radioactive Waste System and Radiation Monitoring System (2682)(2686)(2683)(2387)(2685)	11-75	3-81	Compl.	
8300 8450	Install Piping Connected to Primary System Components (2640)	10-75	5-79	Compl.	
8305 8475	Install Pipe Hangers and Restraints All Systems (XXXX-6550,6450,6650,6750,2213,3910)	3-75	6-8 2 Est.	92%	
8310 8315	Install Main Steam Pipe to Turbine Stop Valve (2631) LB Pipe	4-75	5-1-77	Compl.	
8450 8500	Initial Flush of Systems (XXXX,6890)	12-76	6-81	Compl.	
8500 8515	Perform Reactor Cold Hydrostatic Test	5-78	7-78	Compl.	
8515 8600	Complete Base Line Inspections CG&E	3-78	7-8 2 Est.	95%	

I-J Numbers

(Description & Account Numbers)

Activity
Started

Activity
Complete

Est.
Status

8600	8700	Perform Leak Rate Test	CG&E	3-82 Est.	3-82 Est.	0%
8605	8615	Test Radioactive System and Radiation Monitoring System	"	6-82 Est.	6-82 Est.	0%
8700	8800	Integrated System Test	"	5-82 Est.	5-82 Est.	0%
8740	8815	Special Nuclear Material Delivered	"	8-79	9-79	Compl.
8800	8950	Applicant Submits Test Results	"	7-82 Est.	7-82 Est.	0%
8950	8990	Power Ascension	"	7-82 Est.	11-82 Est.	0%