

ILLINOIS POWER COMPANY



CLINTON POWER STATION, P.O. BOX 678, CLINTON, ILLINOIS 61727

December 11, 1985

Docket No. 50-461

Mr. R. A. Hartfield, Chief  
Management Information Branch  
Office of Management and Program Analysis  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Subject: Construction Status Report (NUREG-0030)

Dear Mr. Hartfield:

The USNRC letter dated October 30, 1981, from R. A. Hartfield to L. J. Koch requested that Illinois Power Company provide quarterly updates of the Construction Status Report (NUREG-0300) for Clinton Power Station. Enclosed is an updated copy of the June 30, 1982, report indicating the status as of September 30, 1985.

As of September 30, 1985, construction of Unit I was estimated at 97.1% complete.

The September analysis of the project schedule indicated that the limiting critical path was the preparation of a preoperational test procedure for the Fire Protection System, which was fifty-six days behind. The latest analysis (October) indicated that delays to the Fire Protection System now result in a sixty-one day delay to Fuel Load. Management emphasis is dedicated to recover as much of the delay as possible.

Two milestones have been achieved since September. The Full-Scale (on and off site) Emergency Preparedness Exercise Dress Rehearsal and the NRC/FEMA observed Emergency Preparedness Exercise were conducted on November 19, 1985, and December 4, 1985, respectively. Both events were conducted successfully on schedule.

On November 27, 1985, the company announced that construction at the Clinton Power Plant will be essentially complete at the end of December 1985, by which time all systems will be turned over to Illinois Power for testing. Because of the delay in completing systems for testing, the company now anticipates that fuel loading will occur between late February and late March 1986.

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We will continue to submit quarterly updates of the  
Unit I construction schedule.

Sincerely yours,



D. P. Hall  
Vice President

CDS/ckc

Enclosures

cc: NRC Resident Inspector's Office  
Regional Administrator, Region III  
Illinois Dept. of Nuclear Safety  
Byron Siegel, NRC Licensing Project Manager

CONSTRUCTION STATUS REPORT  
 NUCLEAR POWER PLANTS

CLINTON 1

STATUS AS OF: ~~04-30-87~~  
 09-30-

CONSTRUCTION STATUS:

APPLICANT'S CURRENT ESTIMATED FUEL LOADING DATE: ~~01-03-84~~ 01-03-86 APPLICANTS CONSTRUCTION COMPLETION ESTIMATE AS  
 APPLICANT'S PREVIOUS ESTIMATED FUEL LOADING DATE: ~~01-03-83~~ 01-03-84 DEFINED IN CP: (EARLIEST) 10-01-80  
 APPLICANT'S ESTIMATED FUEL LOADING DATE AT CP ISSUANCE: 10-00-80 (LATEST) ~~10-01-83~~ 10-01-86  
 APPLICANT'S CURRENT ESTIMATED COMMERCIAL OPERATION DATE: ~~08-31-84~~ -7-10-86

CURRENT ESTIMATED PERCENT CONSTRUCTION COMPLETE: ~~84%~~ 97.1%

COMMENTS REGARDING CURRENT CONSTRUCTION STATUS: 1) A Critical Path Analysis shows the controlling restraint to fuel load, preparation of a fire protection system preoperational test procedure, is about 56 days behind. Target for Fuel Load remains at January 3, 1986. 2) Commodities are reported complete if % complete exceeds 99%. 3) Estimated dates are here defined as schedule target dates.

	ESTIMATED START	ACTUAL START	ESTIMATED COMPLETION	ACTUAL COMPLETION	ESTIMATED % COMPLETE
MOBILIZE AND PREPARE SITE:		10-06-75		03-16-76	100%
PLACE STRUCTURAL CONCRETE:		02-25-76	<del>01-09-83</del>	08-05-83	100%
INSTALL REACTOR PRESSURE VESSEL:		10-06-79		10-15-79	100%
INSTALL LARGE BORE PROCESS PIPE:		05-01-76	<del>07-15-81</del>	06-30-84	<del>95%</del> 100%
INSTALL LARGE BORE PIPE HANGERS, RESTRAINTS AND SHUBBERS:		05-01-76	<del>08-15-81</del>	08-01-85	<del>88%</del> 98%
INSTALL SMALL BORE PIPE:		06-01-77	<del>09-04-83</del>	09-30-85	<del>93%</del> 100%
INSTALL CABLE TRAY:		06-01-78	<del>02-18-81</del>	09-30-85	<del>81%</del> 100%
INSTALL EXPOSED METAL CONDUIT:		06-01-78	<del>02-20-81</del>	10-01-85	<del>83%</del> 87%
INSTALL POWER, CONTROL, INSTRUMENTATION AND SECURITY CABLE:		12-12-79	<del>10-01-83</del>	09-01-85	<del>54%</del> 97%
INSTALL ELECTRICAL TERMINATIONS:		04-01-80	<del>11-01-81</del>	09-01-85	<del>48%</del> 91%
CONDUCT REACTOR COLD HYDROSTATIC TEST:	<del>03-31-83</del>	01-17-85	<del>04-03-81</del>	02-09-85	0% 100%
CONDUCT HOT FUNCTIONAL TEST:	N/A	N/A	N/A	N/A	N/A
CONDUCT PREOP AND ACCEPTANCE TESTS NECESSARY FOR FUEL LOAD:		03-06-81	<del>11-20-83</del>	12-19-85	<del>4%</del> 44%

CONSTRUCTION STATUS REPORT

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CLINTON 2

NUCLEAR POWER PLANTS

STATUS AS OF: ~~06-30-82~~  
09-30-85

PLANT CHARACTERISTICS:

DOCKET NO: 05000462  
 CP NO. & DATE ISSUED: CPPR-138/ 02-24-76  
 CP EXPIRATION DATE:  
 APPLICANT: ILLINOIS POWER  
 PLANT LOCATION: 6 MI E OF CLINTON, ILL  
 IE REGION: 3  
 AE: SARGENT & LUNDY  
 NSSS: GENERAL ELECTRIC  
 CONSTRUCTOR: BALDWIN ASSOCIATES  
 REACTOR TYPE: BWR  
 DER (MWE): 0950

KEY PERSONNEL:

CORPORATE CONTACT: W. C. GERSTNER, EXEC VICE PRESIDENT  
 CORPORATE ADDRESS: 500 SOUTH 27TH STREET  
 DECATUR, ILLINOIS 62525  
 935-8887  
 CORPORATE PHONE NO: (217) ~~937-1111~~, EXT. ~~2844~~- 3713  
 NRC LPM: ~~H. WILLIAMS~~ B. Siegel  
 IE PROJECT INSPECTOR: ~~H. M. WESCOTT~~ F. Jablonski  
 IE RESIDENT INSPECTOR: ~~H. LIVERMORE~~ T. Gwynn

INSPECTION STATUS:

TIME PERIOD  
Apr, 1982 - Jun, 1982

REPORT NUMBER	BEG DATE OF INSP.	END DATE OF INSP.
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Status to be provided by NRC.

FUEL LOAD DATE CHANGES

AS REPORTED BY UTILITY:

REPORT DATE	NEW SCHEDULE	REASON FOR CHANGE REPORTED BY UTILITY
03-24-77	10-00-87	FINANCIAL CONSIDERATIONS AND UNCERTAINTY OVER FEDERAL NUCLEAR GENERATION AND FUEL POLICIES.
11-20-81	N/S	REDUCED LOAD GROWTH RATE.
10-14-83		Cancelled Reduced Load Growth Rate

LOCAL PUBLIC DOCUMENT ROOM:

VESPASIAN WARNER PUBLIC LIBRARY  
 120 WEST JOHNSON STREET  
 CLINTON, ILLINOIS 61727

CONSTRUCTION STATUS REPORT  
NUCLEAR POWER PLANTS

PAGE NO: 2-031

CLINTON 2

STATUS AS OF: ~~01-10-82~~  
09-30-85

CONSTRUCTION STATUS:

APPLICANT'S CURRENT ESTIMATED FUEL LOADING DATE:	N/S	APPLICANTS CONSTRUCTION COMPLETION ESTIMATE AS
APPLICANT'S PREVIOUS ESTIMATED FUEL LOADING DATE:	10-00-87	DEFINED IN CP: (EARLIEST) 10-01-83
APPLICANT'S ESTIMATED FUEL LOADING DATE AT CP ISSUANCE:	10-00-83	(LATEST) 10-01-85
APPLICANT'S CURRENT ESTIMATED COMMERCIAL OPERATION DATE:	N/S	

CURRENT ESTIMATED PERCENT CONSTRUCTION COMPLETE: 1% *has been cancelled.*

COMMENTS REGARDING CURRENT CONSTRUCTION STATUS: UNIT 2 ~~CONSTRUCTION DEFERRED INDEFINITELY~~

	<u>ESTIMATED START</u>	<u>ACTUAL START</u>	<u>ESTIMATED COMPLETION</u>	<u>ACTUAL COMPLETION</u>	<u>ESTIMATED % COMPLETE</u>
MOBILIZE AND PREPARE SITE:		10-06-75		03-16-76	100%
PLACE STRUCTURAL CONCRETE:					
INSTALL REACTOR PRESSURE VESSEL:					
INSTALL LARGE BORE PROCESS PIPE:					
INSTALL LARGE BORE PIPE HANGERS, RESTRAINTS AND SHUBBERS:					
INSTALL SMALL BORE PIPE:					
INSTALL CABLE TRAY:					
INSTALL EXPOSED METAL CONDUIT:					
INSTALL POWER, CONTROL, INSTRUMENTATION AND SECURITY CABLE:					
INSTALL ELECTRICAL TERMINATIONS:					
CONDUCT REACTOR COLD HYDROSTATIC TEST:					
CONDUCT HOT FUNCTIONAL TEST:					
CONDUCT PREP AND ACCEPTANCE TESTS NECESSARY FOR FUEL LOAD:					



CONSTRUCTION STATUS REPORT  
NUCLEAR POWER PLANTS

PAGE NO: 2-028

CLINTON 1

STATUS AS OF: ~~04-30-82~~  
09-30-85

PLANT CHARACTERISTICS:

DOCKET NO: 05000461  
CP NO. & DATE ISSUED: CPPR-137/ 02-24-76  
CP EXPIRATION DATE:  
APPLICANT: ILLINOIS POWER  
PLANT LOCATION: 6 MI E OF CLINTON, ILL  
IE REGION: 3  
AE: SARGENT & LUNDY  
NSSS: GENERAL ELECTRIC  
CONSTRUCTOR: BALDWIN ASSOCIATES  
REACTOR TYPE: BWR  
DER (MWE): 0950

KEY PERSONNEL:

CORPORATE CONTACT: W. C. GERSTNER, EXEC VICE PRESIDENT  
CORPORATE ADDRESS: 500 SOUTH 27TH STREET  
DECATUR, ILLINOIS 62525  
CORPORATE PHONE NO: (217) ~~937-4441~~<sup>935-8881</sup>, EXT. ~~2811~~ 3713  
NRC LPM: ~~H. WILLIAMS~~ B. Siegel  
IE PROJECT INSPECTOR: ~~H. H. WESCOTT~~ F. Jablonski  
IE RESIDENT INSPECTOR: ~~H. LIVERMORE~~ T. Gwynn

INSPECTION STATUS:

TIME PERIOD  
Apr, 1982 - Jun, 1982

REPORT NUMBER	BEG DATE OF INSP.	END DATE OF INSP.
8115	06-02-81	02-05-82
8204	02-16-82	03-31-82
8206	04-28-82	04-30-82
8207	05-17-82	05-20-82
8209	06-09-82	06-10-82

Inspection Reports are available at local PDRs.

Status to be provided by the NRC.

FUEL LOAD DATE CHANGES  
AS REPORTED BY UTILITY:

REPORT DATE	NEW SCHEDULE	REASON FOR CHANGE REPORTED BY UTILITY
05-09-77	04-00-81	REEVALUATION OF CONSTRUCTION SCHEDULE.
06-23-78	04-00-82	TIME LOST DUE TO SEVERE WEATHER CONDITIONS.
01-21-81	01-00-83	REEVALUATION OF CONSTRUCTION SCHEDULE.
04-29-82	01-03-84	REEVALUATION OF CONSTRUCTION SCHEDULE.
05-24-83	01-03-86	Reevaluation of Construction Schedule.

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