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ILLINOIS POWER COMPANY



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

February 10, 1984

Docket No. 50-461

Director of Nuclear Reactor Regulation
Attention: Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Subject: Clinton Power Station Unit 1
Control of Heavy Loads (NUREG-0612)

Dear Mr. Schwencer:

NRC Generic Letter 83-42, December 19, 1983, indicated that the guidelines of NUREG-0612 concerning "Single Failure Proof Cranes" may be deficient because single failures in the electrical power/control system were not considered.

Illinois Power Company (IP) took credit for a single failure proof handling system for lifts made by the Containment Polar Crane Main Hook. IP has reviewed the elementary diagrams of the crane and the description of the motor brakes and has concluded that no single failure in the electrical power/control system could result in the uncontrolled motion of the crane or the release of a load.

IP is in compliance with the intent of NUREG-0612 concerning single failure proof handling systems.

Sincerely yours,

J. D. Geier
Manager
Nuclear Station Engineering

GEW/lam

cc: G. A. Harrison, NRC Clinton Licensing Project Manager
NRC Resident Office
Illinois Department of Nuclear Safety
N. E. Fioravante, NRC ASB
T. Stickley, EG&G

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