

Illinois Power Company
Clinton Power Station
P.O. Box 678
Clinton, IL 61727
Tel 217 935-6226
Fax 217 935-4632

J. Stephen Perry
Senior Vice President

**ILLINOIS
POWER**

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Docket No. 50-461

Document Control Desk
Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Clinton Power Station's Response to Bulletin 92-01, "Failure of Thermo-Lag 330 Fire Barrier System to Maintain Cabling in Wide Cable Trays and Small Conduits Free From Fire Damage"

Dear Sir:

On June 29, 1992, Illinois Power (IP) received Bulletin 92-01. Within the Bulletin, the Nuclear Regulatory Commission (NRC) notified IP of failures in fire endurance testing associated with the Thermo-Lag 330 fire barrier system. The NRC requested IP to identify the areas of Clinton Power Station (CPS) which have Thermo-Lag 330 fire barrier material installed to protect either small diameter conduit or wide cable trays that provide safe shutdown capability. A discussion concerning the compensatory measures put in place at CPS and the measures being taken to restore operability of the installations is also provided as requested.

IP has identified eleven areas at CPS where Thermo-Lag 330 fire barrier material is installed. The location and size of the installations are specified in Attachment 1. Nine of the installations protect small conduits (four-inch or less) or wide cable trays (fourteen-inch or more) which provide safe shutdown capability. The other two installations (five-inch conduit and penetration seal facing) are outside the scope of Bulletin 92-01.

Hourly firewatch patrols have been established in the areas where Thermo-Lag 330 fire barrier material is used to protect small conduit and wide cable trays which provide safe shutdown capability. The hourly firewatch patrols will continue until safe shutdown capability is ensured without reliance on the hourly firewatch patrols. These compensatory measures are consistent with the requirements of CPS procedure 1893.01, FIRE PROTECTION IMPAIRMENT REPORTING, and the CPS Technical Specifications.

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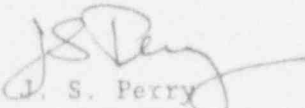
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To ensure that IP implements the appropriate actions required to restore fire barrier operability at CPS, IP is participating in the industry fire barrier operability restoration effort which is being coordinated by the Nuclear Management and Resources Council (NUMARC). As part of this effort, NUMARC plans to establish a database of Thermo-Lag 330 tests, develop guidance for applying test results to as-built conditions, and develop generic guidance for installation of Thermo-Lag 330 fire barrier material. Consideration of additional testing will also be coordinated through NUMARC's efforts.

At this time, IP is unable to provide an accurate account of the time and costs of complying with this Bulletin.

I heraby affirm that the information in the letter is correct to the best of my knowledge.

Sincerely yours,


J. S. Perry
Senior Vice President

WTD/msl

cc: NRC Clinton Licensing Project Manager
NRC Resident Office, 690
Regional Administrator, Region III, USNRC
Illinois Department of Nuclear Safety
Nuclear Management and Resources Council
Attention: Riff Bradley

Attachment 1

CPS Thermo-Lag 330 Installations Impacted by Bulletin 92-01

	<u>Location</u>	<u>Firewrapped Items</u>
1.	707'6" Auxiliary Building (fire zone A-1a)	210' of 36"-wide cable tray 22' of 24"-wide cable tray
2.	803'3" Containment Building (fire zone C-2)	69' of 24"-wide cable tray
3.	751'0" Control Building (fire zone CB-1e)	90' of 36"-wide cable tray 147' of 24"-wide cable tray
4.	762'0" Control Building (fire zone CB-1f)	54' of 36"-wide cable tray
5.	762'0" Control Building (fire zone CB-1f)	50' of 36"-wide cable tray 45' of 24"-wide cable tray
6.	781'0" Control Building (fire zone CB-1g)	13" of 1.5'-diameter conduit
7.	781'0" Control Building (fire zone CB-4)	18' of 3"-diameter conduit 18' of 2.5"-diameter conduit
8.	721'0" Control Building (fire zone CB-5a)	73' of 2"-diameter conduit
9.	800'0" Control Building (fire zone CB-6d)	23' of 4"-diameter conduit 23' of 2"-diameter conduit 23' of 0.75"-diameter conduit

CPS Thermo-Lag 330 Installations Outside Bulletin 92-01 Scope

	<u>Location</u>	<u>Firewrapped Items</u>
10.	762'0" Diesel Generator Building (fire zone D-8)	76' of 5"-diameter conduit
11.	781'0" Fuel Building (east) (fire zone F-1p)	18"-diameter penetration seal facing