

General Information or Other (PAR)

Event # 41318

Rep Org: WHITING CORPORATION	Notification Date / Time: 01/07/2005 14:47 (EST)
Supplier: WHITING CORPORATION	Event Date / Time: 01/05/2005 (CST)
	Last Modification: 01/07/2005
Region: 3	Docket #:
City: MONEE	Agreement State: Yes
County:	License #:
State: IL	
NRC Notified by: MARK KWASNY	Notifications: SONIA BURGESS R3
HQ Ops Officer: JOHN KNOKE	GLENN MEYER R1
Emergency Class: NON EMERGENCY	MARK LESSER R2
10 CFR Section:	LINDA SMITH R4
21.21 UNSPECIFIED PARAGRAPH	VERN HODGE NRR

OVERSTRESS CONDITION ON SINGLE FAILURE PROOF CRANE TROLLEYS

"On January 5, 2005 as a part of a crane re-rate analyses and study Whiting Corporation identified an overstress condition on some hoist equalizer plates and welds. This condition is limited to the hoists of some redundant (single failure proof) cranes.

"Whiting Corporation has performed a preliminary review and have isolated the problem to the family of redundant trolleys also known as single failure proof trolleys. No other types of cranes are affected. It has not been established at this time which specific redundant trolleys are impacted. This assessment will require a cases by case review.

"Whiting Corporation have or are attempting to contact these customers directly to notify them of this circumstance. These are the only potentially impacted customers.

"The hoist units identified above, are to be inspected as follows and then limited to 50% of rated capacity until such time as the units can be evaluated and/or upgraded. The following specific serial numbers can be operated at 100 Tons (SN 10403, 10388, 10389, 10510). SN 10698 is currently being evaluated and is limited in capacity by other factors being addressed with the customer. The area to visually inspect, for cracks in the plates or welds, is the assembly, adjacent to the rope termination, at each end of the equalizer arm, that the nut on the rope fitting bears against. Suspicious visual indications of potential cracks can be further examined by Magnetic Particle testing if warranted. A lack of any visible cracks during visual examination will allow the unit to be placed in operation at the 50% reduced capacity. Please note no reports of field failures or cracks have been reported as of the issuance of this notice.

"The following is a list of the family of redundant (single failure proof) cranes that will require a detailed evaluation.

Niagara Mohawk Power - Nine Mile Point -125 Ton
Exelon Corporation (Commonwealth Edison) - Dresden Station -125 Ton

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Exelon Corporation (Commonwealth Edison) - Quad Cities Station -125 Ton
Dominion Nuclear Connecticut-North East Utilities-Millstone (Believed to be Unit 1 in Waterford)-Reactor Room
Entergy Nuclear (Vermont Yankee) - Vernon Station - Reactor Room-110 Ton
Neb. Public Power - Cooper Nuclear Station - Reactor Room -100 Ton
Exelon Corporation (Philadelphia Electric) - Peach Bottom -125 Ton (2)
(AEP) (Indiana Michigan power) - D. C. Cook Station -150 Ton
Carolina Power & Light - Brunswick Station -125 Ton
Southern Nuclear (Alabama Power) - Farley Plant - 125 Ton
Energy Northwest (WPPSS) -Hanford Unit # 2 - Reactor Room -125 Ton
Progress Energy (PGN) (Carolina Power & Light) - Robinson Station -125 Ton
Mississippi Power & Light - Grand Gulf Station -150 Ton (2)
Long Island Lighting - Shoreham Station -125 Ton
Constellation Nuclear (Niagara Mohawk Power) - Nine Mile Point Station -125 Ton
AEP (Indiana Michigan power) - D. C. Cook Station -150 Ton
Indiana Michigan power - D. C. Cook Station - 20 Ton"



WHITING CORPORATION

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January 7, 2005

Nuclear Regulatory Commission
USNRC
Washington, D. C. 20555

Re: Director Office of Inspection & Enforcement
Reference: 10 CFR 21 Notification

Dear Director:

On January 5, 2005 as a part of a crane re-rate analyses and study we identified an overstress condition on some hoist equalizer plates and welds. This condition is limited to the hoists of some redundant (single failure proof) cranes.

We have performed a preliminary review and have isolated the problem to the family of redundant trolleys also known as *single failure proof trolleys*. No other types of cranes are affected. It has not been established at this time which specific redundant trolleys are impacted. This assessment will require a cases by case review.

The following is a list of the family of redundant (single failure proof) cranes that will require a detailed evaluation.

Site	Bridge SN	Trolley SN
Niagara Mohawk Power - Nine Mile Point - 125 Ton	9335*	10510*
Exelon Corporation (Commonwealth Edison) - Dersden Station - 125 Ton	9492	10779
Exelon Corporation (Commonwealth Edison) - Quad Cities Station - 125 Ton	9643	10780
Dominion Nuclear Connecticut-North East Utilities-Millstone (Believed to be Unit 1 in Waterford)-Reactor Room-	9655	10727
Entergy Nuclear (Vermont Yankee) - Vernon Station - Reactor Room- 110 Ton	9975	10680
Neb. Public Power - Cooper Nuclear Station - Reactor Room - 100 Ton	9976	10630
Exelon Corporation (Philadelphia Electric) - Peach Bottom - 125 Ton	9979	10387
Exelon Corporation (Philadelphia Electric) - Peach Bottom - 125 Ton	9980	10379
(AEP) (Indiana Michigan power) - D. C. Cook Station - 150 Ton	10038	12124
Carolina Power & Light - Brunswick Station - 125 Ton	10388*	10388*
Carolina Power & Light - Brunswick Station - 125 Ton	10389*	10389*
Southern Nuclear (Alabama Power) - Farley Plant - 125 Ton	10403*	10403*
Energy Northwest (WPPSS) -Hanford Unit # 2 - Reactor Room - 125 Ton	10541	10541
Progress Energy (PGN) (Carolina Power & Light) - Robinson Station - 125 Ton	10698*	10698*
Mississippi Power & Light - Grand Gulf Station - 150 Ton	10857	10857
Mississippi Power & Light - Grand Gulf Station - 150 Ton	10858	10858
Long Island Lighting - Shoreham Station - 125 Ton	11008	11008

Constellation Nuclear (Niagra Mohawk Power) - Nine Mile Point Station - 125 Ton	11470	11470
AEP (Indiana Michlgan power) - D. C. Cook Station - 150 Ton	12115	12115
Indiana Michigan power - D. C. Cook Station - 20 Ton	12115	12115
* = See below for additional details		

We have or are attempting to contact these customers directly to notify them of this circumstance. These are the only potentially impacted customers.

The hoist units identified above, are to be inspected as follows and then limited to 50% of rated capacity until such time as the units can be evaluated and/or upgraded. * The following specific serial numbers can be operated at 100 Tons (SN 10403, 10388, 10389, 10510). SN 10698 is currently being evaluated and is limited in capacity by other factors being addressed with the customer. The area to visually inspect, for cracks in the plates or welds, is the assembly, adjacent to the rope termination, at each end of the equalizer arm, that the nut on the rope fitting bears against. Suspicious visual indications of potential cracks can be further examined by Magnetic Particle testing if warranted. A lack of any visible cracks during visual examination will allow the unit to be placed in operation at the 50% reduced capacity. Please note no reports of field failures or cracks have been reported as of the issuance of this notice.

Questions or concerns by crane owners should be addressed to:
whiting-nuclear@whitingcorp.com

Please provide the following information with any requests:
Customer Name, contact person, title, mailing address, e-mail address, telephone #, Whiting Crane serial #, fax #, date of next scheduled outage, earliest critical lift date, and any specific requests or information you require.

A hot line has also been established at 708-587-2000 ext 2550.

We will reply as soon as possible, upon completing any necessary research and based on the dates of the earliest critical lift. Thank you for your patience, cooperation and understanding.

If there are any further questions on the part of your regulatory agency please contact me at mkwasny@whitingcorp.com.

Respectfully,

Mark J. Kwasny
QA Manager - Whiting Corporation