

September 27, 1996

Mr. Bernard Thomas
INES Coordinator
Division of Nuclear Safety
International Atomic Energy Agency
Wagramerstrasse 5
P.O. Box 100
A-1400 Vienna
Austria

Dear Mr. Thomas:

Enclosed is a completed Event Rating Form for an event at Clinton Power Station. The event involved a fire in RCIC turbine insulation. This event is rated at level 0 based on Table I of the INES User's Manual.

Sincerely,

/ s /

Frank J. Congel, Director
Incident Response Division
Office for Analysis and Evaluation
of Operational Data

Enclosures: As stated

Distribution:

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bcc w/encl:
W. Upshaw, NRC
Angelina Howard, INPO

DISK/DOCUMENT NAME: A:\HOOS\CLINTON.51 * SEE PREVIOUS CONCURRENCES

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OFC	AEOD:IRD	E	DD:DRPE	VMM:EDO	D:AEOD:IRD	N	DD:AEOD
NAME	DWeaver <i>HAB</i>	EAdensam	VMcCree	FJCongel	DFRoss		
DATE	09/17/96*	09/18/96*	09/20/96*	09/24/96	09/27/96		

OFFICIAL RECORD COPY

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Mr. Bernard Thomas
INES Coordinator
Division of Nuclear Safety
International Atomic Energy Agency
Wagramerstrasse 5
P.O. Box 100
A-1400 Vienna
Austria

Dear Mr. Thomas:

Enclosed is a completed Event Rating Form for an event at Clinton Power Station. The event involved a fire in RCIC turbine insulation. This event is considered level 0 based on Table I of the INES User's Manual, however, the event was upgraded to level 1 based on maintenance errors related to the event.

Sincerely,

Frank J. Congel, Chief
Incident Response Division
Office for Analysis and Evaluation
of Operational Data

Enclosure: As stated

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Angelina S. Howard, INPO

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OFC	AEOD:IRD	E	DD:DRP ^{9/19}	VMM:EDO	D:AEOD:IRD	N	DD:AEOD
NAME	DWeaver		EAdensam	VMcCree	FJCongel		DFRoss
DATE	09/17/96		09/18/96	09/20/96	09/24/96		09/ /96

OFFICIAL RECORD COPY

9/23
mg

THE INTERNATIONAL NUCLEAR EVENT SCALE (INES)

EVENT RATING FORM (ERF)

TO BE SENT TO THE IAEA INES CO-ORDINATOR BY

IAEA, WAGRAMERSTRASSE 5, P.O. BOX 100, A-1400 VIENNA, AUSTRIA

• FAX: + 43 1 2060 29723

• PHONE: + 43 1 2060 22685

• E-MAIL: THOMAS@NEPO1.IAEA.ORG

EVENT TITLE		RCIC Turbine Insulation Fire										EVENT DATE	
												19.08.96	
RATING	RATING DATE	OUT OF SCALE	BELOW SCALE	ON SCALE							SAFETY ATTRIBUTE	DEGR. DEFENCE IN-DEPTH	
PROVISIONAL <input type="checkbox"/>				0	1	2	3	4	5	6	7		
FINAL <input checked="" type="checkbox"/>	10.09.96		<input checked="" type="checkbox"/>										
COUNTRY		USA	FACILITY NAME		Clinton Power Station							FACILITY TYPE	BWR

ASPECTS OF SIGNIFICANCE TO THE PUBLIC:

YES

NO

ACCIDENT ☐

INCIDENT ☐

DEVIATION ☒

- RADIOACTIVE RELEASES OFF-SITE
- RADIOACTIVE RELEASES ON-SITE
- WORKERS INJURED BY RADIATION
- WORKERS INJURED PHYSICALLY
- PLANT SAFETY IS UNDER CONTROL
- THE EVENT REPORTED IS A DISCOVERY OF A DEFICIENCY BY ROUTINE SURVEILLANCE
- A PRESS RELEASE WAS MADE (IF YES, PLEASE ATTACH IT)

<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>
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<input checked="" type="checkbox"/>	<input type="checkbox"/>

SHORT DESCRIPTION OF THE EVENT: Reactor Core Isolation Cooling (RCIC) Turbine insulation caught fire. Improperly completed maintenance on the RCIC turbine caused a bearing oil leak that soaked the turbine insulation. The oil soaked insulation was heated to combustion by a leaky steam admission valve. An operator on a routine tour noted what he thought to be steam or smoke emanating from the RCIC turbine. He returned a few minutes later with another operator and began to investigate by removing a piece of the insulation. This act allowed air to reach the heated oil and the fire started. The fire burned for about 15 seconds and was put out by a portable fire extinguisher. The turbine sustained no damage from the fire.

JUSTIFICATION OF THE RATING: In accordance with the guidance contained in section III-2.10 of the INES manual, this event was rated using Table I. Since all safety functions remained fully available, a rating of zero is appropriate.

CONTACT PERSON FOR FURTHER INFORMATION	NAME	Frank J. Congel
	ADDRESS	USNRC, Washington, DC 20555
	PHONE	(301) 415-7476
	FAX	(301) 816-5151

PLEASE ATTACH ADDITIONAL INFORMATION ON JUSTIFICATION OF THE EVENT RATING AND DIFFICULTIES ENCOUNTERED, IF NEEDED.



An Illinois Company

News Release

For release:

Aug. 19, 1996

For more information:

John B. Dewey (217) 424-6400

ALERT DECLARED AT CLINTON POWER STATION

CLINTON, Ill. -- At 5:30 p.m. today, Illinois Power declared a brief "Alert" at the Clinton Power Station after a piece of insulation momentarily caught fire in an auxiliary building adjacent to the reactor.

The Alert was terminated within seconds, as soon as a plant worker put out the flames with a hand-held fire extinguisher.

An employee was performing a routine inspection of the auxiliary building when he saw smoke coming from insulation attached to a steam-driven turbine that is part of the reactor core isolation cooling system. This is a back-up safety system that can provide water to the reactor vessel. According to the plant worker, the insulation appeared to be soaked with oil.

As workers removed the smoking insulation, a small flame appeared, and was immediately extinguished. Plant officials declared the Alert

ILLINOIS POWER

Aug. 19, 1996

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because it was a fire that had the potential to affect safety systems.

Other than the burnt insulation, there is no other apparent damage to the plant. There was no impact on plant operations and there is no danger to employees or the public.

An Alert is the second least serious of four emergency classifications.

Appropriate federal, state and local authorities have been notified. The plant has begun an investigation into the cause of the incident.

The Clinton Power Station is a General Electric Boiling Water Reactor which produces 950,000 kilowatts of electricity. The Clinton Power Station is operated by Illinois Power, the principal owner.