

# CATEGORY 1

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 FACIL:50-244 Robert Emmet Ginna Nuclear Plant, Unit 1, Rochester G 05000244  
 AUTH.NAME: WIDAY, J.A. AUTHOR AFFILIATION: Rochester Gas & Electric Corp.  
 RECIP.NAME: RECIPIENT AFFILIATION: NRC - No Detailed Affiliation Given

SUBJECT: Part 21 rept re receipt of refurbished DB-25 circuit breaker  
 w/missing part from W Replacement Components Svcs on 980608.

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POWER REACTOR

EVENT NUMBER: 34363

FACILITY: GINNA  
UNIT: [1] [ ] [ ]  
RX TYPE: [1] W-2-LP

REGION: 1  
STATE: NY

NOTIFICATION DATE: 06/08/98  
NOTIFICATION TIME: 11:49 [ET]  
EVENT DATE: 06/08/98  
EVENT TIME: 00:00 [EDT]  
LAST UPDATE DATE: 06/08/98

NRC NOTIFIED BY: WHITE  
HQ OPS OFFICER: CHAUNCEY GOULD

NOTIFICATIONS

EMERGENCY CLASS: NOT APPLICABLE  
10 CFR SECTION:  
CCCC 21.21 UNSPECIFIED PARAGRAPH

RICHARD BARKLEY RDO  
HODGE NRR

UNIT	SCRAM CODE	RX CRIT	INIT PWR	INIT RX MODE	CURR PWR	CURR RX MODE
1	N	Y	100	POWER OPERATION	100	POWER OPERATION

EVENT TEXT

THIS PART 21 INVOLVES RECEIVING A REFURBISHED DB-25 CIRCUIT BREAKER WITH A MISSING PART.

THE LICENSEE RECEIVED A REFURBISHED DB-25 CIRCUIT BREAKER (REFURBISHED IN 1992) FROM WESTINGHOUSE REPLACEMENT COMPONENTS SERVICES, MONROEVILLE, PA. THE REFURBISHED BREAKER WAS RETURNED TO THE LICENSEE WITH A MISSING PIN IN THE OPERATING MECHANISM. THE ABSENCE OF THIS PIN IS BELIEVED TO HAVE CONTRIBUTED TO THE FAILURE OF THE "SWP1B" CIRCUIT BREAKER TO CLOSE ON A MANUAL SIGNAL FROM THE MAIN CONTROL BOARD. THIS ALSO IMPLIES THAT THE POTENTIAL EXISTS FOR THE BREAKER NOT TO CLOSE ON AN AUTOMATIC DEMAND AND THEREFORE NOT BE AVAILABLE TO PERFORM ITS SAFETY FUNCTIONS. THERE ARE 41 PERMANENTLY INSTALLED DB-25 BREAKERS IN THE SCREEN HOUSE AND TURBINE BUILDINGS AT THE SITE. ALL OF THE REMAINING BREAKERS WERE VISUALLY INSPECTED TO VERIFY THE PIN IN QUESTION WAS INSTALLED. NO OTHER BREAKERS WERE FOUND TO BE MISSING THE PIN.

THE RESIDENT INSPECTOR WAS NOTIFIED.

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ROCHESTER GAS AND ELECTRIC CORPORATION • 89 EAST AVENUE, ROCHESTER, N.Y. 14649-0001

JOSEPH A. WIDAY  
Plant Manager  
Ginna Nuclear Plant

TELEPHONE  
AREA CODE 716 548-2700  
June 8, 1998

U.S. Nuclear Regulatory Commission  
Operations Center  
Facsimile Number 301-816-5151  
Telephone Number 301-816-5100

Subject: Initial Notification of 10 CFR Part 21 Defect  
R.E. Ginna Nuclear Power Plant  
Docket No. 50-244

In accordance with 10 CFR Part 21, Reporting of Defects and Noncompliance, Section 21 (d) (3) (i), which requires "Initial notification by facsimile", the enclosed initial notification is provided. Written notification, in accordance with 10 CFR Part 21, Section 21 (d) (3) (ii), will be provided by July 2, 1998.

Very truly yours,

*Joseph A. Widay*  
Joseph A. Widay

Enclosures

110009

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Tel 9



10CFR21 INITIAL FACSIMILE NOTIFICATION

I. NAME AND ADDRESS OF THE INDIVIDUAL INFORMING THE COMMISSION:

NAME: Joseph A. Widay  
ADDRESS: Rochester Gas & Electric Corporation  
89 East Avenue  
Rochester, New York 14649

II. IDENTIFICATION OF THE FACILITY, THE ACTIVITY, OR THE BASIC COMPONENT SUPPLIED FOR SUCH FACILITY WHICH FAILS TO COMPLY OR CONTAINS A DEFECT:

The facility is the R.E. Ginna Nuclear Power Plant. The basic component is a Westinghouse DB-25 circuit breaker. This component was installed at Ginna Station in a Class 1E Safety Related 480 Volt AC bus. The breaker was the power supply feed breaker for the "B" Service Water Pump (52/SWP1B).

III. IDENTIFICATION OF THE FIRM CONSTRUCTING THE FACILITY OR SUPPLYING THE BASIC COMPONENT WHICH FAILS TO COMPLY OR CONTAINS A DEFECT:

The DB-25 circuit breaker were refurbished by:

Westinghouse Replacement Component Services  
Westinghouse Electric Corporation  
Nuclear Services Division  
Haymaker and Northern Pike Road  
Monroeville, PA 15146

The current refurbishment site is:

Westinghouse Electric Corporation  
Assembly & Test Facility  
Cheswick Site  
2000 Cheswick Avenue  
Cheswick, PA 15024-1358

IV. NATURE OF THE DEFECT OR FAILURE TO COMPLY AND THE SAFETY HAZARD WHICH IS CREATED OR COULD BE CREATED BY SUCH DEFECT OR FAILURE TO COMPLY:

The refurbished DB-25 circuit breaker was returned to Ginna Station with a missing pin in the operating mechanism. The absence of this pin is believed to have contributed to the failure of the SWP1B circuit breaker to close on a manual signal from the Main Control Board. This implies that the potential exists that the breaker would not close on an auto demand and therefore not be available to perform its safety function(s).





V. THE DATE ON WHICH THE INFORMATION OF SUCH DEFECT OR FAILURE TO COMPLY WAS OBTAINED:

The information was obtained on May 13, 1998. An attempt was made to start the "B" Service Water Pump during testing and it failed to close on a manual signal from the Main Control Board. During the troubleshooting the missing part was discovered.

VI. IN THE CASE OF A BASIC COMPONENT WHICH CONTAINS A DEFECT OR FAILS TO COMPLY, THE NUMBER AND LOCATION OF ALL SUCH COMPONENTS IN USE AT, SUPPLIED FOR, OR BEING SUPPLIED FOR GINNA STATION:

There are forty-one, permanently installed DB-25 breakers in the Screen House and Turbine Buildings at Ginna Station. Of these, eleven breakers are Class 1E Safety Related.

VII. THE CORRECTIVE ACTION WHICH HAS BEEN, IS BEING, OR WILL BE TAKEN; THE NAME OF THE INDIVIDUAL OR ORGANIZATION RESPONSIBLE FOR THE ACTION; AND THE LENGTH OF TIME THAT HAS BEEN OR WILL BE TAKEN TO COMPLETE THE ACTION:

A spare DB-25 circuit breaker was inspected, tested and installed to restore the "B" Service Water Pump to service.

All of the remaining DB-25 breakers were visually inspected to verify that the pin in question was installed. No other breakers were found to be missing the pin.

VIII. ANY ADVICE RELATED TO THE DEFECT OR FAILURE TO COMPLY ABOUT THE FACILITY, ACTIVITY, OR BASIC COMPONENT THAT HAS BEEN, IS BEING, OR WILL BE GIVEN TO PURCHASERS OR LICENSEES:

Both in-service and receipt inspections can verify the presence of the pin in question. It should be noted that the "B" Service Water Pump breaker was refurbished in 1992.

