



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

November 20, 1989

Docket No. 50-155

Mr. Kenneth W. Berry, Director
Nuclear Licensing
Consumers Power Company
1945 West Parnall Road
Jackson, Michigan 49201

Dear Mr. Berry:

SUBJECT: GENERIC LETTER 83-28, ATWS ITEM 1.2 - REQUEST FOR ADDITIONAL
INFORMATION (TAC NO. 53570)

Generic Letter 83-28 and the attachment, "Required Actions Based on Generic Implications of Salem ATWS Events," dated July 8, 1983, requested information regarding the licensee's capability to record, recall, and display data and information to permit diagnosing the causes of unscheduled reactor shutdowns.

Consumers Power Company (CPC) submitted their response for Big Rock Point on November 7, 1983. A draft Technical Evaluation Report (TER) for Salem ATWS Item 1.2 was sent to CPC on November 26, 1985. Also in light of instrumentation changes at Big Rock Point since the initial response, the following information is requested.

The draft TER provided a list entitled "Desirable BWR Parameters for Post-Trip Review" (attachment 1). This list circles those parameters the reviewers determined were not recorded according to your response to the Generic Letter 83-28, dated November 7, 1983. Please review this list and provide information as to how these circled parameters are recorded or provide a justification as to an alternate parameter or the need not to record this parameter.

Also please provide information as to the data retention procedures to ensure that the recorded data for the post-trip review is maintained in an accessible manner for the life of the plant.

To reiterate the conclusion from the TER, it is possible that the current data and information capabilities at Big Rock Point are adequate to meet the intent of the review criteria of Generic Letter 83-28. However, this additional information is needed to complete the review.

CPC should provide an updated, more complete, description to show in more detail the data and capabilities at Big Rock Point. If the information provided accurately represents all current data and information capabilities, then CPC should either show that the current data and information capabilities are sufficient to meet the intent of the review criteria of the Generic Letter, or detail future modifications that would enable the plant to meet the intent of the evaluation criteria.

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Please respond to this request within 90 days of receipt of this RAI. If you have any questions regarding this request, please give me a call.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

RSI

Robert M. Pulsifer, Project Manager
Project Directorate III-1
Division of Reactor Projects - III,
IV, V & Special Projects
Office of Nuclear Reactor Regulation

Attachment:
As stated

DISTRIBUTION
DOCKET FILE
NRC & LOCAL PDRs
FD31 GRAY FILE
GHOLAHAN
JZWOLINSKI
RPULSIFER
OGC
EJORDAN
BGRIMES
ACRS(10)
WSWENSON

LA/PD31:DRSP *WJG*
PSHUTTLEMORTH
11/16/89

PM/PD31:DRSP
RPULSIFER *RP*
11/5/89

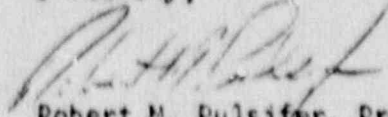
~~ATUOT~~ 31:DRSP
JTHOMA
11/16/89

BIG ROCK GL 83-28 TAC 53570

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Sincerely,



Robert M. Pulsifer, Project Manager
Project Directorate III-1
Division of Reactor Projects - III,
IV, V & Special Projects
Office of Nuclear Reactor Regulation

Attachment:
As stated

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Sincerely,

151

Robert M. Pulsifer, Project Manager
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As stated

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JTHOMA
11/16/89

BIG ROCK GL 83-28 TAC 53570

Mr. Kenneth W. Berry
Consumers Power Company

Big Rock Point Plant

cc:

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Jackson, Michigan 49201

Judd L. Bacon, Esquire
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Jackson, Michigan 49201

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Plant Manager
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Lansing, Michigan 48913

Regional Administrator, Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Nuclear Facilities and Environmental
Monitoring Section Office
Division of Radiological Health
P. O. Box 30035
Lansing, Michigan 48909

U.S. Nuclear Regulatory Commission
Resident Inspector Office
Big Rock Point Plant
10253 U.S. 31 North
Charlevoix, Michigan 49720

Desirable BWR Parameters for Post-Trip Review
(circled parameters are not recorded)**DRAFT**

<u>SOE Recorder</u>	<u>Time History Recorder</u>	<u>Parameter / Signal</u>
(X)		Reactor Trip
(X)		Safety Injection
(X)		Containment Isolation
(X)		Turbine Trip
X		Control Rod Position
X (1)	(X)	Neutron Flux, Power
(X) (1)		Main Steam Radiation
(2)		Containment (Dry Well) Radiation
X (1)	(X)	Drywell Pressure (Containment Pressure)
(2)		Suppression Pool Temperature
X (1)	(X)	Primary System Pressure
X (1)	(X)	Primary System Level
X		MSIV Position
X (1)		Turbine Stop Valve/Control Valve Position
(X)		Turbine Bypass Valve Position
	(X)	Feedwater Flow
	(X)	Steam Flow
(3)		Recirculation; Flow, Pump Status
X (1)		Scram Discharge Level
X (1)		Condenser Vacuum
(X)		AC and DC System Status (Bus Voltage)
(3) (4)		Safety Injection; Flow, Pump/Valve Status
(X)		Diesel Generator Status (On/Off, Start/Stop)

(1): Trip parameters.

(2): Parameter may be recorded by either an SOE or time history recorder.

(3): Acceptable recorder options are: (a) system flow recorded on an SOE recorder, (b) system flow recorded on a time history recorder, or (c) equipment status recorded on an SOE recorder.

(4): Includes recording of parameters for all applicable systems from the following: HPCI, LPCI, LPCS, IC, RCIC.