

FACSIMILE of NRC FORM 361
(12-2000)

U.S. NUCLEAR REGULATORY COMMISSION
OPERATIONS CENTER

**Point Beach Nuclear Plant
EVENT NOTIFICATION WORKSHEET**

3133D
EN# 39000-10/29/02

NRC OPERATION TELEPHONE NUMBER: PRIMARY - 301-816-5100 or 800-532-3469*, (2nd) 301-415-0550 and (3rd) 301-415-0553
*Licensees who make arrangements with NRC are provided these telephone numbers

NOTIFICATION TIME 1711 CST	POINT BEACH NUCLEAR PLANT	UNIT 1 & 2	NAME OF CALLER MIKE HOLZMANN	CALL BACK # 920 755-6257
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EVENT TIME & ZONE 1025 CST	EVENT DATE 10/29/2002	POWER/MODE BEFORE 100% / Mode 1	POWER/MODE AFTER 100% / Mode 1
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EVENT CLASSIFICATIONS		1-Hr. Non-Emergency 10 CFR 50.72(b)(1)	(v)(A) Safe S/D Capability	AINA
GENERAL EMERGENCY	GEN/AAEC	TS Deviation	ADEV	(v)(B) RHR Capability AINB
SITE AREA EMERGENCY	SIT/AAEC	4-Hr. Non-Emergency 10 CFR 50.72(b)(2)		(v)(C) Control of Rad Release AINC
ALERT	ALE/AAEC	(i) TS Required S/D	ASHU	X (v)(D) Accident Mitigation AIND
UNUSUAL EVENT	UNU/AAEC	(iv)(A) ECCS Discharge to RCS	ACCS	(xii) Offsite Medical AMED
50 72 NON-EMERGENCY (see next columns)		(iv)(B) RPS Actuation (scram)	ARPS	(xiii) Loss Comm/Asmt/Resp ACOM
PHYSICAL SECURITY (73 71)	DDDD	(xi) Offsite Notification	APRE	60-Day Optional 10 CFR 50.73(a)(1)
MATERIAL/EXPOSURE	BB???	8-Hr. Non-Emergency 10 CFR 50.72(b)(3)		Inj'd Specified System Actuation AINV
FITNESS FOR DUTY	HFIT	(ii)(A) Degraded Condition	ADEG	Other Unspecified Requirement (Identify)
OTHER UNSPECIFIED REQMT (see last column)		(ii)(B) Unanalyzed Condition	AUNA	NONR
INFORMATION ONLY	NNF	(iv)(A) Specified System Actuation	AESF	NONR

DESCRIPTION

Include Systems affected, actuations and their initiating signals, causes, effect of event on plant, actions taken or planned, etc. (Continued on back)

Reviewed by DAN WEBER  Time 1658

At 10:27AM CST, the auxiliary feed water system (AFWS) for the Point Beach Nuclear Plant, Units 1 and 2, was declared inoperable due to the potential for fouling of the minimum recirculation orifices for each of the four AFW pumps. The mechanism identified was the potential for foreign materials in the AFW fluid restricting adequate flow through the flow control orifices in the recirculation line. Under such conditions, it is possible that if the discharge valves for the AFW pumps are throttled, adequate flow may be unavailable through the recirculation line and pump damage could occur.

The potential for this common failure mode was realized while conducting an extent of condition evaluation for reduced recirculation flow observed during surveillance testing of the P-38A motor driven AFW pump on October 24, 2002. The flow was less than expected but above the minimum required for pump operability. Upon disassembly of the P-38A flow orifice we discovered a build up of corrosion products in the orifice.

Both units entered TSAC 3.7.5.E and required action 3.7.5.E.1 which requires immediate steps to restore an AFWS to operable status. Immediate corrective actions have consisted of briefing the on-shift crew (on-coming crews will also be briefed) of the potential consequences of restricted recirculation flow and directing the operators, in the event of a situation requiring AFW flow, to secure a running AFW pump if the pump discharge falls below minimum flow requirements. In addition, information tags have been attached by the AFW pump flow indicators on the main control boards to convey that information. These actions were completed at 1305 CST. At that time, with these administrative controls in place, we declared the AFWS back in service. Longer term corrective actions, including permanent procedure changes, are being evaluated.

NOTIFICATIONS	YES	NO	WILL BE	ANYTHING UNUSUAL OR NOT UNDERSTOOD?	<input type="checkbox"/> YES (Explain above)	<input checked="" type="checkbox"/> NO
NRC RESIDENT	X					
STATE(s)		X		DID ALL SYSTEMS FUNCTION AS REQUIRED?	X YES	<input type="checkbox"/> NO (Explain above)
LOCAL		X				
OTHER GOV AGENCIES		X		MODE OF OPERATION UNTIL CORRECTED	Mode 1	ADDITIONAL INFO ON BACK
MEDIA/PRESS RELEASE		X		ESTIMATED RESTART DATE	NA	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

COPY

A/267

RADIOLOGICAL RELEASES: CHECK OR FILL IN APPLICABLE ITEMS (specific details/explanation should be covered in the event description)							
LIQUID RELEASE	GASEOUS RELEASE	UNPLANNED RELEASE	PLANNED RELEASE	ONGOING	TERMINATED		
MONITORED	UNMONITORED	OFFSITE RELEASE	T.S. EXCEEDED	RM ALARMS	AREAS EVACUATED		
PERSONNEL EXPOSED OR CONTAMINATED		OFFSITE PROTECTIVE ACTIONS RECOMMENDED			* State release path in description		
	Release Rate (Ci/sec)	% T. S. Limit	HOO GUIDE	Total Activity (Ci)	% T. S. Limit	HOO GUIDE	
Noble Gas			0.1 Ci/sec			1000 Ci	
Iodine			10 uCi/sec			0.01 Ci	
Particulate			1 uCi/sec			1 mCi	
Liquid (excluding tritium and dissolved noble gases)			10 uCi/min			0.1 Ci	
Liquid (tritium)			0.2 Ci/min			5 Ci	
Total Activity							
	PLANT STACK	CONDENSER/AIR EJECTOR	MAIN STEAM LINE	SG BLOWDOWN	OTHER		
RAD MONITOR READINGS							
ALARM SETPOINTS							
% T. S. LIMIT (if applicable)							

RCS OR SG TUBE LEAKS: CHECK OR FILL IN APPLICABLE ITEMS: (specific details/explanations should be covered in event description)

LOCATION OF THE LEAK (e.g., SG #, valve, pipe, etc.)

LEAK Rate	UNITS: gpm/gpd	T. S. LIMITS	SUDDEN OR LONG-TERM DEVELOPMENT
LEAK START DATE	TIME	COOLANT ACTIVITY AND UNITS	PRIMARY SECONDARY

LIST OF SAFETY RELATED EQUIPMENT NOT OPERATIONAL

EVENT DESCRIPTION (Continued from front)