

## LICENSEE EVENT REPORT (LER)

(See reverse for required number of  
digits/characters for each block)ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS MANDATORY  
INFORMATION COLLECTION REQUEST: 50.0 HRS. REPORTED LESSONS LEARNED ARE  
INCORPORATED INTO THE LICENSING PROCESS AND FED BACK TO INDUSTRY.  
FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND  
RECORDS MANAGEMENT BRANCH (T-6 F33), U.S. NUCLEAR REGULATORY  
COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION  
PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC  
20503

FACILITY NAME (1) Cook Nuclear Plant Unit 1										DOCKET NUMBER (2) 05000-315		PAGE (3) 1 of 1		
TITLE (4) Interim - Potential for Condition Outside Design Bases for Rod Control System														
EVENT DATE (5)			LER NUMBER (6)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)				
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAME D.C. Cook Unit 2		DOCKET NUMBER 05000-316			
12	07	1998	1998	-- 055 --	00	01	06	1999	FACILITY NAME		DOCKET NUMBER			
OPERATING MODE (9)		5		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check 'one or more') (11)										
POWER LEVEL (10)		000		20.2201 (b)		20.2203(a)(2)(v)		50.73(a)(2)(i)		50.73(a)(2)(viii)				
				20.2203(a)(1)		20.2203(a)(3)(i)		X 50.73(a)(2)(ii)		50.73(a)(2)(x)				
				20.2203(a)(2)(i)		20.2203(a)(3)(ii)		50.73(a)(2)(iii)		73.71				
				20.2203(a)(2)(ii)		20.2203(a)(4)		50.73(a)(2)(iv)		OTHER				
				20.2203(a)(2)(iii)		50.36(c)(1)		50.73(a)(2)(v)		Specify in Abstract below or on NRC Form 366A				
				20.2203(a)(2)(iv)		50.36(c)(2)		50.73(a)(2)(vii)						
LICENSEE CONTACT FOR THIS LER (12)														
NAME Mr. Jay Kovarik, Electrical Instrumentation and Controls Engineering										TELEPHONE NUMBER (Include Area Code) (616) 697-5147				
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)														
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX				
SUPPLEMENTAL REPORT EXPECTED (14)										EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
X	YES (If Yes, complete EXPECTED SUBMISSION DATE).					NO			03	01	1999			
Abstract (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)														
<p>On December 7, 1998, during a system readiness review of the Rod Control System by Instrumentation and Control Engineering, it was discovered that a potential calibration error in the rod speed control circuits for the Rod Cluster Control Assemblies (RCCAs), coupled with a single failure of the rod withdrawal circuit, could result in a rod cluster to withdraw up to a maximum rate of 77 steps per minute (spm). This condition is contrary to UFSAR Section 3.1.2, Page 3.1-11, which states that "No single credible mechanical or electrical control system malfunction can cause a rod cluster to be withdrawn at a speed greater than 72 steps per minute." In accordance with 10CFR50.73(a)(2)(ii)(B), this interim LER is being reported as a condition that is outside the design basis of the plant.</p> <p>The original Precautions, Limitations and Setpoints (PLS) provided by Westinghouse included the recommendations for a maximum automatic rod speed of 72 spm, which was also used by the accident analysis by postulating two banks of rods withdrawing at 72 spm. This resulted in a maximum rod speed used in the analysis that did not reflect the maximum possible rod withdrawal rate.</p> <p>The completion of the condition report investigation and evaluation of the safety significance of this condition is ongoing. Once completed, this LER will be supplemented to include that information. The supplement is expected to be submitted by March 1, 1999.</p>														
9901130072 990106 PDR ADOCK 05000315 S PDR														

