

TABLE 3.3-4

ENGINEERED SAFETY FEATURE ACTUATION SYSTEM INSTRUMENTATION TRIP SETPOINTS\*

TROJAN - UNIT 1	FUNCTIONAL UNIT	TRIP SETPOINT	ALLOWABLE VALUES
	1. SAFETY INJECTION		
	a. Containment Pressure - High	$\leq 4$ psig	$\leq 4.5$ psig
	b. Pressurizer Pressure - Low	$\geq 1807$ psig	$\geq 1799$ psig
	c. Differential Pressure Between Steam Lines - High	$\leq 100$ psi	$\leq 112$ psi
	d. Steam Flow in Two Steam Lines - High Coincident with $T_{avg}$ - Low-Low or Steam Line Pressure - Low	$\leq$ A function defined as follows: 40% of full steam flow between 0% and 20% load and then increasing linearly to 110% of full steam flow at full load  $T_{avg} \geq 553^{\circ}\text{F}$ $\geq 600$ psig steam line pressure	$\leq$ A function defined as follows: 44% of full steam flow between 0% and 20% load and then increasing linearly to 111.5% of full steam flow at full load  $T_{avg} \geq 551^{\circ}\text{F}$ $\geq 580$ psig steam line pressure
	2. CONTAINMENT SPRAY		
	a. Containment Pressure - High-High	$\leq 30$ psig	$\leq 32$ psig
	3. CONTAINMENT ISOLATION		
	a. Containment Isolation Signal		
	1. From Safety Injection	See 1 above for applicable data.	

\* The Actuation Logic and Manual Initiation Circuitry does not have trip setpoints or allowable values and is therefore not included in this table.

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the Matter of	)	
	)	
PORTLAND GENERAL ELECTRIC COMPANY,	)	Docket 50-344
THE CITY OF EUGENE, OREGON, AND	)	Operating License NPF-1
PACIFIC POWER & LIGHT COMPANY	)	
	)	
(TROJAN NUCLEAR PLANT)	)	

CERTIFICATE OF SERVICE

I hereby certify that copies of License Change Application 171 to the Operating License for the Trojan Nuclear Plant, dated September 9, 1988, have been served on the following by hand delivery or by deposit in the United States mail, first class, this 9th day of September 1988:

Mr. William T. Dixon  
State of Oregon  
Department of Energy  
625 Marion St NE  
Salem OR 97310

Mr. Michael J. Sykes  
Chairman of County Commissioners  
Columbia County Courthouse  
St. Helens OR 97051

*S. A. Bauer*

S. A. Bauer, Manager  
Nuclear Regulation Branch  
Nuclear Safety & Regulation

Subscribed and sworn to before me this 9th day of September 1988.

*Carole A. Hodgdon*  
Notary Public of Oregon

My Commission Expires:

*August 9, 1991*

