



FORT ST. VRAIN NUCLEAR GENERATING STATION
PUBLIC SERVICE COMPANY OF COLORADO

AOP-A
Issue 57
Page 1 of 2

REC-1

TITLE: MOISTURE IN-LEAKAGE

RESPONSIBLE FOR	<i>M. E. Deniston</i>			
AUTHORIZED BY	<i>[Signature]</i>			
PORC REVIEW	PORC 8 7 7 APR 11 1990			EFFECTIVE DATE 4-19-90
DCCF NUMBER (S)	90-0135			

**FT. ST. VRAIN
NON-CONTROLLED
COPY**
VERIFY ISSUE STATUS
WITH SITE DOCUMENT
CONTROL CENTER PRIOR
TO USE

9005100023 900427
PDR ADDCK 05000267
PDR

(A)
MOISTURE IN-LEAKAGE
SYMPTOM-ACTION MATRIX

ACTIONS	SYMPTOMS	
OPERATOR ACTION 2.1 IF Primary Coolant moisture level is abnormal And increasing with no known cause, THEN attempt to identify source of in leakage.	1.1 Primary Coolant Moisture High, ME-9306 or ME-9307 on 11-05B, 3-1	
2.2 IF EES section is identified as source of moisture THEN establish cooling via reheater or operating loop per SOP 22-01.	XX XX	
	XX	



INTRODUCTION

Section A of the Abnormal Operating Procedures deals with water leaks into the Primary Coolant System.

In the following section, each step of the Abnormal Operating Procedure is discussed to aid the operator in understanding its basis. To facilitate relating each step to its discussion, each AOP step is repeated and underlined to set it off from the discussion that follows.

DISCUSSION OF SYMPTOMS

SYMPTOMS

- 1.1 Primary coolant moisture level high, ME-9306 or ME-9307 on I-05B, 3-1.

OPERATOR ACTION

- 2.1 IF primary coolant moisture level is abnormal AND increasing with no known cause, THEN attempt to identify source of in-leakage.

If the rate of moisture increase is low, as would be the case with a small leak, source identification will be difficult at best. The operation of the circulator auxiliaries should be checked and corrected if that is the source of the moisture ingress.

NOTE: Cooling with a flooded reheater outlined in Step 2.2 requires permission of Superintendent of Operations or Station Manager.

- 2.2 IF EES section is identified as source of moisture THEN establish cooling via reheater of operating loop per SOP 22-01.

This action will isolate the leak and permit continued core cooling.

SOP 22-01 describes the necessary precautions and procedures associated with cooling on a flooded reheater.