

ATTACHMENT TO LER # 81-034/04T-0

SUPPLEMENT TO CAUSE DESCRIPTION

BLOWDOWN FLASH TANK. THESE CALCULATIONS WERE BASED ON RECORDED BLOWDOWN RATES FOR 07-13-81 AND ESTIMATED MAXIMUM BLOWDOWN RATES FOR 07-11-81, DUE TO THE LOSS OF THE RECORDER CHART PAPER FOR BLOWDOWN VALVE POSITION.

RELEASE CALCULATIONS

<u>DATE</u>	<u>ISOTOPE</u>	<u>RELEASED AMOUNT</u>
07-11-81	I-131	4.16 E-2 Curries
	H-3	2.697 E-3 Curries
	Xe-133	2.70 E-3 Curries
	Cs 134	1.23 E-3 Curries
	Cs 136	6.87 E-4 Curries
	Cs 137	2.31 E-3 Curries
07-13-81	I-131	2.42 E-4 Curries
	H-3	2.58 E-4 Curries

THESE FIGURES CORRESPOND TO THE FOLLOWING PERCENT TECHNICAL SPECIFICATION RELEASES:

<u>ISOTOPE</u>	<u>07-13-81</u>		<u>07-11-81</u>	
	<u>AVERAGE</u>	<u>MAXIMUM</u>	<u>AVERAGE</u>	<u>MAXIMUM</u>
I-131	9.129E-1%	1.805E0%	1.017E0%	1.998E0%
Xe-133	N.A.	N.A.	1.454E-5%	1.454E-5%
H-3	5.371E-4%	1.052E-4%	1.926E-1%	3.809E-1%
Cs 134, 136 & 137	3.429E-3%	3.429E-3%	2.034E-1%	2.034E-1%

THE ACTIVITY IN THE SECONDARY SYSTEM DID NOT SHOW ANY SIGNIFICANT CHANGE DURING THE INTERVAL, WHEN R-19 MAY HAVE BEEN INOPERABLE, AS MONITORED BY PRIMARY-TO-SECONDARY CHEMISTRY LEAK SURVEILLANCES.

TO PREVENT REOCCURRENCE, OPERATIONS PROCEDURES HAVE BEEN CHANGED RE-
QUIRING R-19 TO BE SOURCE CHECKED, TO VERIFY OPERABILITY, PRIOR TO PLAC-
ING THE STEAM GENERATOR BLOWDOWN FLASH TANK IN SERVICE.

THIS REPORT IS BEING SUBMITTED AS THE OPERABILITY OF R-19 COULD NOT BE
PROVEN DURING THE TIMES THE STARTUP FLASH TANK WAS IN SERVICE.

THIS REVISED LER ADDS THE DATES TO THE ABOVE TABLE WHICH LISTS THE
PERCENTAGE OF THE T.S. VALUES INCURRED DURING THE RELEASE PERIODS.