

**INITIATING EVENT LIST
FROM NORTH ANNA IPE**

**TABLE 3.1.2-1
LIST OF INITIATING EVENT CLASSES**

<u>INITIATING EVENT GROUP</u>	<u>DESCRIPTIONS</u>	<u>EVENT TREE</u>
T1	Loss of Offsite Power	T1
T1A**	Station Blackout	T1A
T2	Transients with non-recoverable loss of Main Feedwater	T*
T2A	Transients with recoverable loss of Main Feedwater following FW Isolation	T*
T3	Transients with Main Feedwater initially available	T*
T4	Loss of RCP Seal Injection and Thermal Barrier Cooling	T4
T5A	Non-recoverable Loss of DC Bus 1-I	T*
T5B	Non-recoverable loss of DC Bus 1-III	T*
T6	Loss of Service Water	T6
T7	Steam Generator Tube Rupture	T7
T8	Loss Emergency Switchgear Room Cooling	T8
T9A	Loss of 4160 V Emergency Bus 1H	T*
T9B	Loss of 4160 V Emergency Bus 1J	T*

**TABLE 3.1.2-1 (Continued)
LIST OF INITIATING EVENT CLASSES**

<u>INITIATING EVENT GROUP</u>	<u>DESCRIPTIONS</u>	<u>EVENT TREE</u>
A	Large LOCA 6" - 20"	A
S1	Medium LOCA 2" - 6"	S1
S2	Small LOCA 3/8" - 2"	S2
V	Interfacing System LOCA	Vx
R	Reactor Vessel Rupture	Rx
TL	Transient with failure to Scram at Power < 40 percent	TL
TH	Transient with failure to Scram at Power > 40 percent	TH

* These event trees are discussed in one section of the report, as they are very similar.

** T1A is not a true initiating event, but is a consequential event from T1.