TABLE 3.3-9

AUXILIARY SHUTDOWN PANEL MONITORING INSTRUMENTATION*

INSTRUMENT	MEASUREMENT RANGE	MINIMUM CHANNELS OPERABLE
1. Reactor Coolant Temperature - Average	530 - 630°F	1
2. Pressurizer Pressure	1700 - 2500 psig	1
3. Pressurizer Level	0 - 100%	1
4. Auxiliary Feed Pump Discharge Header Pressure	500 - 1500 psig	1
5. Emergency Condensate Storage Tank Level	0 - 100%	1
6. Charging Flow	0 - 180 gpm	1
7. Main Steam Line Pressure	0 - 1400 psig	1
8. Steam Generator Level	0 - 100%	1
9. Relay Room Positive Ventilation	0 - 0.50 inches H_2O	1

* Located at Elevation 254' in the Emergency Switchgear and Relay Room.

TABLE 4.3-6

AUXILIARY SHUTDOWN PANEL MONITORING INSTRUMENTATION
SURVEILLANCE REQUIREMENTS

	INSTRUMENT	CHANNEL CHECK	CHANNEL CALIBRATION
1.	Reactor Coolant Temperature - Average	M	R
2.	Pressurizer Pressure	M	R
3.	Pressurizer Level	M	R
4.	Auxiliary Feed Pump Discharge Header Pressure	M	R
5.	Emergency Condensate Storage Tank Level	M	R
6.	Charging Flow	M	R
7.	Main Steam Line Pressure	M	R
8.	Steam Generator Level	M	R
9.	Relay Room Positive Ventilation	M	R

ATTACHMENT TWO

TECHNICAL SPECIFICATION CHANGES

NORTH ANNA - UNIT 2

(NOTE: Technical Specification TABLE 4.3-6 is included for compieteness. This Table has been reoriented from a horizontal to a vertical format to agree with TABLE 3.3-9. There are no other changes to TABLE 4.3-6)

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TABLE 3.3-9

AUXILIARY SHUTDOWN PANEL MONITORING INSTRUMENTATION*

	INSTRUMENT	MEASUREMENT RANGE	MINIMUM CHANNELS OPERABLE
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6.	Charging Flow	0 - 180 gpm	1
7.	Main Steam Line Pressure	0 - 1400 psig	1
8.	Steam Generator Level	0 - 100%	1
9.	Relay Room Positive Ventilation	0 - 0.50 inches H_2O	1

* Located at Elevation 254' in the Emergency Switchgear and Relay Room.

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3.	Pressurizer Level	M	R
4.	Auxiliary Feed Pump Discharge Header Pressure	M	R
5.	Emergency Condensate Storage Tank Level	M	R
6.	Charging Flow	M	R
7.	Main Steam Line Pressure	M	R
8.	Steam Generator Level	M	R
9.	Relay Room Positive Ventilation	M	R

ATTACHMENT THREE

DISCUSSION
and
SAFETY EVALUATION

Virginia Electric and Power Company

PROPOSED TECHNICAL SPECIFICATION CHANGES:

DISCUSSION:

During the performance of the Control Room Design Review (CRDR) for North Anna Power Station, various indicators were cited as requiring modification, including Charging Flow. The CRDR identified that the existing square root scale of the Charging Flow Instrumentation would make it difficult to read flow accurately and that the range of 0-150 gpm was too narrow. To relieve these problems, the Charging Flow instrumentation will be changed to a linear output indication and the range expanded to 0-180 gpm.

Expanding the display range and providing the indication in a linear scale will allow the operator to more accurately determine the charging flow rate during high or low flow rate conditions without decreasing accuracy during middle of scale operations. This will provide for a more accurate determination of the Charging Flow rate during abnormal as well as normal plant conditions.
Technical Specifications 3.3.3.5, TABLE 3.3-9, identifies the instrumentation and ranges required in the Auxiliary Shutdown Panel. The Charging Flow is specified as 0-150 GPM and will be changed to 0-180 GPM as required by CRDR finding.

BASIS FOR NO SIGNIFICANT HAZARDS DETERMINATION

We have reviewed the changes to Technical Specifications 3.3.3.5 TABLE 3.3-9 and have found that it will not involve a significant hazards considerations because the changes will not:

(1) result in a significant increase in the probability or consequences of an accident previously evaluated because, the change will not alter the setpoints or decrease the accuracy of the Charging Flow indication. Expanding the display range and providing the indication in a linear scale will allow the operator to more accurately determine the charging flow rate during high or low flow rate conditions without decreasing accuracy during middle of scale operations.

(2) create the possibility of a new or different kind of accident because, this change will not alter plant operations except to allow for more accurate determination of the Charging Flow rate. Expanding the display range and providing the indication in a linear scale will allow the operator to more accurately determine the charging flow rate during high or low flow rate conditions without decreasing accuracy during middle of scale operations.

(3) result in a significant reduction in the margins of safety because, this change will allow for more accurate determination of the Charging Flow rate during abnormal as well as normal plant conditions. This will enhance the margin of safety. The requirements of Specification 3.3.3.5 are not changed nor are the Surveillance Requirements of 4.3.3.5. Only the "Measurement Range" of TABLE 3.3-9 is affected.

Therefore, pursuant to 10 CFR 50.92, based on the above consideration, it has been determined that this change will not involve a significant hazards consideration.