

JUN 11 1973

Docket No. 50-280

Mr. Stanley Ragone
Vice President
Virginia Electric and
Power Company
P. O. Box 26666
Richmond, Virginia 23261

Distribution:

AEC PDR
Local PDR
Docket File
PWR-1 Reading
PWR-1 File
RO (3)
RCDeYoung
DSkovholt
RWKlecker
RVollmer
MJinks (4) ✓
ADromerick
JLee
DVassallo

bcc: JRBuchanan,
ORNL
TBAbernathy,
DTIE

Posted

Dear Mr. Ragone:

In your telegram of June 11, 1973, you requested authorization to substitute the North Anna Unit 1 reactor coolant pump motor and flywheel in place of the faulted Surry Unit 1 reactor coolant pump motor and flywheel. You stated that the only unreviewed aspect of this replacement was the use of the North Anna Unit 1 flywheel which had not been previously evaluated.

The probability of a loss of pump flywheel integrity, which could result in high energy missiles and excessive vibration of the reactor coolant pump assembly, can be minimized by the use of suitable material, adequate design, and inservice inspection.

We have reviewed the information submitted by you on June 11, 1973, concerning the materials specifications, design, fabrication, and inspection procedures for the pump flywheel and we find that they are in accordance with AEC Regulatory Guide No. 1.14, Reactor Coolant Pump Flywheel Integrity. Based on this review, we conclude that the design, fabrication and inspection of the North Anna Unit 1 flywheel are acceptable.

We have concluded that the use of the North Anna coolant pump flywheel does not present a significant hazards consideration and that there is reasonable assurance that the health and safety of the public will not be endangered.

Accordingly, pursuant to Section 50.59(e) of 10 CFR Part 50, we hereby authorize you to utilize the North Anna Unit 1 coolant pump motor and flywheel as a replacement for the Surry Unit 1 equipment.

Sincerely,

Original signed by R. C. DeYoung

R. C. DeYoung, Assistant Director
for Pressurized Water Reactors
Directorate of Licensing

~~cc: See page 2~~

Stanley Ragone

- 2 -

JUN 11 1973

cc: George D. Gibson, Esq.
Hunton, Williams, Gay &
Gibson
P. O. Box 1535
Richmond, Virginia 23213

OFFICE ▶	PWR-1	PWR-1	AD/PWRs			
SURNAME ▶	ADromerick:cls	DBVassallo	RCDeYoung			
DATE ▶	6/11/73	6/11/73	6/11/73			