



Telegram

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FOV 4045264503

U S ATOMIC ENERGY COMMISSION

REGION II DIRECTOR OF REGULATORY OPERATION 230 PEACH TREE ST  
NORTHWEST

ATLANTA GA 30303

REFERENCE BFAO-734T

*CB am per ans. sr.  
570-10:12P*

AT APPROXIMATELY 9AM ON AUGUST 3 1973 WHILE CONDUCTING SURVEILLANCE  
TESTS ON UNIT ONE TO DETERMINE THE CAPABILITY OF THE SECONDARY  
CONTAINMENT TO MAINTAIN AT LEAST ONE QUARTER INCH OF WATER VACUUM  
AFTER MODIFICATIONS TO SECONDARY CONTAINMENT BOUNDARY DOORS  
THE REFUELING ZONE VACUUM INCREASED TO APPROXIMATELY 0.3 INCH  
WATER SEE TECHNICAL SPECIFICATIONS TABLE 3.2.A PAGE 56 SUBSEQUENT  
INVESTIGATION REVEALED THAT THE REFUELING ZONE STATIC PRESSURE

BF-1201 (R5-69)

CONTROL MODULATING DAMPERS HAD FAILED TO PERFORM THEIR INTENDED  
FUNCTION. THE MODULATING DAMPERS WERE ACTUATED AT ONE HALF INCH  
WATER VACUUM THEIR RESPONSE TIME TO CHANGING VACUUM CONDITIONS  
WAS TOO SLOW TO PREVENT CLOSURE OF THE IN SERIES ISOLATION DAMPERS  
SET AT 3/8 INCH WATER VACUUM. CLOSURE OF THE ISOLATION VALVES  
ALLOWED VACUUM TO INCREASE ABOVE ONE HALF INCH WATER. FUEL HANDLING  
OPERATIONS WERE SUSPENDED PENDING RESOLUTION OF THIS PROBLEM.  
REGION TWO INSPECTOR NOTIFIED BY PHONE AUGUST 8 1973.

TENNESSEE VALLEY AUTHORITY H J GREEN, BROWNS FERRY NUCLEAR  
PLANT

8308290206 730821  
PDR ADDCK 05000259  
S PDR

*Handy  
50259*

Telegram from Tennessee Valley Authority, H. J. Green,  
dated August 9, 1973 - 50-259

*File*  
AUG 21 1973

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