

**western union Mailgram**



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ZIP 20545

50-254  
50-265

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WASHINGTON DC 20545



REFERENCE QUAD CITIES NUCLEAR POWER STATION UNITS ONE AND TWO  
DOCKET NUMBERS 50-254 AND 50-265 DPR 29 AND 30, APPENDIX A SECTION  
1.0.A.2 AND 3.2.B.3.A TECHNICAL SPECIFICATION 3.2.B.3.A SPECIFIES  
THE RELEASE RATE LIMIT FOR IODINE-131 AND PARTICULATES WITH  
HALF LIVES LONGER THAN 8 DAYS FROM THE REACTOR BUILDING VENTILATIONS  
STACK. THE NORMAL PRACTICE IS TO COUNT THE SAMPLE CARTRIDGE  
48 HOURS AFTER REMOVAL TO DETERMINE A PRELIMINARY ESTIMATE OF  
THE RELEASE RATE. THE ACTUAL RELEASE RATE IS BASED ON THE RESULTS  
OF A 7 DAY COUNT. ON JUNE 10 1973 THE JUNE 7TH SAMPLE WAS COUNTED  
AND DUE TO AN INCREASE IN THE ACTIVITY FROM THE UNIT TWO REACTOR  
BUILDING IT IS ESTIMATED THAT THE LCO WAS EXCEEDED BY ABOUT  
50 PER CENT. THIS INCREASE WAS ATTRIBUTED TO STEAM LEAKAGE INTO  
THE UNIT TWO BUILDING FROM A CLEAN UP PUMP SEAL FAILURE. THE  
48 HOUR COUNT OF THE JUNE 8 1973 SAMPLE HAS RETURNED TO LESS  
THAN 30 PER CENT OF THE LCO.

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