U. S. NUCLEAR REGULATORY COMMISSION AC FORM 366 7.771 LICENSEE EVENT REPORT CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) 0 CON'T REPORT L 6 0 5 0 0 0 0 1 0 7 1 2 0 1 7 3 6 1 2 0 60 61 DOCKET NUMBER 58 59 EVENT DA FE 74 75 REPORT 0 1 8 7 8 (9) SOURCE EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10 During reactor fuel unloading, a channeled fuel assembly dropped from the grapple 0 2 while being transferred to the spent fuel pool in the fuel handling building. No 0 3 gaseous release was noticed and there was no apparent damage to the fuel. The health 0 4 and safety of the public was not affected. 0 5 0 6 0 7 SYSTEM CODE CAUSE CALISE COMP SUBCODE CODE SUBCOD COMPONENT CODE SUBCODE FIDIGI X X A (12) B (13) FUFE Z 0 9 - Z 16 SEQUENTIAL OCCURRENCE REVISION REPORT EVENT YEAR REPORTNO CODE LER/RO TYPE NO. REPORT 8 1314 0 3 0 0 NUMBER NPRO-4 COMPONEN HOURS 22 ATTACHMENT SUBMITTED PRIME COMP. EE2 TAKEN ACTION METHOD ON PLANT FORM SUB. MANUFACTURER SUPPLIER 0 0 0 H (18) G (19) N Z (20 Z 0 Y 23 N (25) (21) (24) U | 0 | 9 | 0 (26) CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) 1 0 The fuel assembly was apparently not properly latched to the grapple. The grapple was inspected and a dummy assembly transferred satisfactorily. An observer with binoculars 1 1 will now verify latching in the fuel handling building. 1 1 3 1 4 80 FACILITY METHOD OF DISCOVERY DESCRIPTION (32 NPOWER OTHER STATUS 10101010 H (28) NA Operator Observation A 5 (31 ACTIVITY CONTENT 80 AMOUNT OF ACTIVITY (35 LOCATION OF RELEASE (36) OF RELEASE RELEASED Z (G4) NA NA 6 21 (33) 80 PERSONNEL EXPOSURES DESCRIPTION (39) NUMBER TYPE 0 (3) Z 0 0 (38) NA PERSONNEL INJURIES 80 DESCRIPTION (41) NUMBER 0 (40) 01 01 NA 80 OSS OF OR DAMAGE TO FACILITY DESCRIPTION Z (42) NA 0 PUSLICITY NRC USE ONLY DESCRIPTION (45 I N KIA NA 1-1-1-1-1-1 63 NAME OF PREPARER __ D. Farrar 243 PHONE -781218017

ATTACHMENT TO LICENSEE EVENT REPORT 78-034/03L-0 <u>COMMONWEALTH EDISON COMPANY (CWE)</u> <u>DRESDEN UNIT-1 (ILDRS-1)</u> <u>DOCKET # 050-010</u>

On December 1, 1978, fuel assembly #UN398 was dropped from the fuel grapple inside the fuel handling building at Dresden Unit 1. The channeled assembly had just been removed from the fuel transfer basket and it fell a distance of about 12 feet to the floor of the transfer pool. The fuel handling foreman, who was on the refueling floor, was notified. A visual inspection of the assembly was made and it revealed no indications of any damage to the assembly. The assembly was retrieved by a chain hoist and stored in its designated location in the spent fuel pool. Two other assemblies were removed from the fuel transfer basket and also stored in the spent fuel pool. The shift engineer and the Assistant Superintendent were motified and the fuel grapple was taken out-of-service for inspection.

The grapple latching mechanism appeared to operate normally, and no indications of any grapple malfunctions were observed during that inspection. The grapple was used to pick up a dummy fuel assembly in the spent fuel pool and that operation also proceeded normally. At the conclusion of that inspection and trial, the fuel grapple was taken back out-of-service for the Assistant Superintendent.

On Monday, December 4, 1978, an On-Site Review was held to determine any further corrective actions which might be necessary to ensure the operability of the Unit 1 fuel grapple and permit continued refueling operations. As a result of that review, the following corrective actions were taken to prevent recurrence.

Item #1 - The dummy fuel assembly was moved from the spent fuel pool to the basket and back to once again indicate proper operation of the grapple.

Item #2 - The observer in the spent fuel building, who had been observing assembly serial numbers and ensuring the assemblies were placed in the proper location in the spent fuel pool, was given binoculars and directed to verify the latching by the grapple onto the fuel assembly. This practice was already in effect on the refueling floor to verify assemblies are latched by that grapple when they are removed from the reactor and placed into the transfer basket. After visual verification is made, the observer will sign the fuel transfer checklist, as is currently required for Dresden Units 2 and 3. Item #3 - The fuel handlers were instructed to check for proper latching of the assembly by the grapple by slowly turning the grapple back and forth once it is believed to be engaged on the assembly. This movement should indicate that the assembly is firmly latched and will not accidently drop from the grapple with subsequent movement.

Item #4 - A Discrepancy Record was initiated and a Hold Tag placed to prevent re-use of the fuel assembly until further inspections are completed. - It is believed that no mechanical malfunction occurred with the grapple, but that the most likely cause for this event was that the grapple was not properly engaged on the assembly prior to the assembly being removed from the fuel transfer basket. The corrective actions listed above will provide the requisite assurances that proper latching has been will provide the requisite assurances that proper latching has been deemed necessary.

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