

HWUC030

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TLX KERNCGEE OKC B

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9-24-76

PMS U.S. NUCLEAR REGULATORY COMMISSION

ATTENTION: GLEN BROWN

REGION VI

611 RYAN PLAZA DRIVE, SUITE 1000

ARLINGTON, TEXAS 76011

DURING A CYLINDER VENTING OPERATION IN THE CYLINDER VENTING ROOM
AT APPROXIMATELY 4:35 A.M., SEPTEMBER 24TH, APPROXIMATELY 100 POUNDS
OF UFG WAS RELEASED IN THE ROOM FROM A HOT UFG CYLINDER. MOST OF THE
RELEASE IS THOUGHT TO HAVE BEEN RETAINED WITHIN THE BUILDING
VENTILATION SYSTEM.

THIS ACCIDENT OCCURRED WHEN AN OPERATOR CLOSED THE VALVE AFTER VENT-
ING AND IT APPARENTLY DID NOT CLOSE SHUCLY DUE TO ICE ON THE VALVE

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PDR FOIA

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PDR



THE SEAT. THE OPERATOR THEN MOVED THE CYLINDER WITHOUT THE PISTON
THE PISTON AND BREAKING THE LINE ADJACENT TO THE CONNECTION. THE
OPERATOR THEN RETURNED THE CYLINDER TO THE WEIGHING ROOM, AND
TO CLOSE THE VALVE SNUGLY, CLOSED THE WEIGHING ROOM DOOR, REQUESTED
HELP, AND SECURED A RESPIRATOR. THE OPENING WAS PLUNGED WITH A
WOODEN DOWEL AND THE CYLINDER MOVED TO THE STEAM CHEST WHERE IT WAS
COOLED WITH WATER. THE BROKEN CONNECTION WAS REMOVED AND THE VALVE
CAPPED.

THE OPERATOR ON THE JOB SHOWED A URINE URANIUM OF 320 MICROGRAMS PER
LITER IN THE FIRST SAMPLE COLLECTED AT 7:00 A.M. AS ADDITIONAL DATA
IS RECEIVED, FURTHER INFORMATION WILL FOLLOW.

W. J. SHELLEY, DIRECTOR

REGULATION AND CONTROL

KERR MCGEE NUCLEAR CORPORATION

TIME TRANSMITTED: 4:29 PM

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