LICENSEE EVENT REPORT
CONTROL BLOCK: L. L. L. L. L. L. L. L. CONTROL BLOCK: L. L. L. L. L. L. CONTROL BLOCK: L. L. L. L. L. CONTROL BLOCK: L. L. L. L. L. L. CONTROL BLOCK: L. L. L. L. L. L. L. C.
0 1 N Y I P S 3 0 0 0 - 0 0 0 0 - 0 0 3 4 1 1 1 1 1 0 57 CAT 58 5
EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10 While at 100 percent power, an increase in the plant vent radio gas
monitor was observed, due to the leakage of the No. 31 charging
pump plunger. There was an accompanying release of activity,
almost entirely in the form of noble gas, which exited through
[0]6] the stack. Similar events were reported in LER 78-008/03L-0,
0 7 R.O77-3-14(B), R.O77-3-15(B) and R.O77-3-19(B).
7 8 9 SYSTEM CAUSE CAUSE CODE CODE SUBCODE COMPONENT CODE SUBCODE SUBCODE SUBCODE
PC 11 E 12 B 13 P U M P X X 14 E 15 Z 16 PU M P X X 14 E 15 Z 16 PU M P X X X 14 E 15 PU M P X X X 14 PU M P X X X 15 PU M P X X X 14 PU M P X
17 REPORT NUMBER 7 8 22 23 24 26 27 28 29 30 31 31 32 COMPONENT
ACTION FUTURE COMPONENT SHUTDOWN HOURS 22 ATTACHMENT SUBMITTED FORM SUB. SUPPLIER MANUFACTURER A 18 Z 19 Z 20 Z 21 O O O O Y 23 Y 24 N 25 U O 5 5 5 26 CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27
Pump No. 31 was isolated and secured, and charging pump No. 33
was activated. The plunger and packing for Union Pump QX-300
Quintuplex were replaced, and the unit was returned to
operable status. At all times, charging pump No. 32 was
available and operable as a reserve unit.
FACILITY STATUS POWER OTHER STATUS (30) METHOD OF DISCOVERY DESCRIPTION (32) 1 5 E 28 1 0 0 29 NA A 31 Operator Observation
ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY 35 AMOUNT OF ACTIVITY 35 AMOUNT OF ACTIVITY 35 Main Stack Main Stack 80
NUMIER TYPE DESCRIPTION (39) NA PHISONNEL INJURIES NA 2259 303 2259 303
TE O O O O O O NA 1 B 9 11 12 1 OCCUPATION NA LOCATION
I TO IZ TO NA
79 0604 0 349 NA 79 0604 0 349 NA 80 68 69 80 80
NAME OF PREPARER Floyd W. Gumble PHONE: 914-739-8200 X217

ATTACHMENT 1

Docket No. 50-286 LER 78-034/03L-0 Power Authority of the State of New York

The plant was operating at 100 percent power in the steady state.

On October 27, 1978, an increase in the plant vent radio gas monitor was observed. Subsequent investigation showed this to be due to the leakage of the No. 31 charging pump plunger. At this point, pump No. 31 was isolated and secured, and charging pump No. 33 was activated to serve in its place. At all times during the period in which pump No. 31 was out of service, charging pump No. 32 was available and operable, thereby satisfying the requirements of Technical Specification 3.2.B.1.

The plunger and packing for Union Pump (2 7/16X5) QX-300 Quintuplex were subsequently replaced, and charjing pump No. 31 was returned to operable state.

The activity release, which escaped through the main stack, was 0.459 curie of noble gas and 9.36X10⁻⁶ curie of particulate matter and radioiodine. These values are below the limits designated by Technical Specification 2.4.2.f (Appendix B). These limits are 0.5 curie for noble gas and 0.92 curie for radioiodine.

Similar events occurred on April 16, 1978 (LER 78-008/03L-0), September 30, 1977 (R.O.-77-3-14(B) and R.O.-77-3-15(B)) and December 16, 1977 (R.O. 77-3-19(B)). Performance of the reactor was not affected by this incident.

2259 303

POWER AUTHORITY OF THE STATE OF NEW YORK INDIAN POINT NO. 3 NUCLEAR POWER PLANT

P. O. BOX 215 BUCHANAN, N. Y. 10511

TELEPHONE: 914-739-8200



November 17, 1978 IP-FWG-3470

Docket No. 50-286 License No. DPR-64

Boyce H. Grier, Director Office of Inspection and Enforcement Region 1 U. S. Nuclear Regulatory Commission 631 Park Avenue King of Prussia, Pennsylvania 19406

Dear Mr. Grier:

The attached Licensee Event Report LER 78-034/03L-0 is hereby submitted in accordance with the requirements of Technical Specification 6.9.1. This event is of the type defined in 6.9.1.8. (b). of the Technical Specification. Three copies of this letter and attachment are enclosed as required.

Very truly yours,

Resident Manager

FWG/rbb

cc: Director of Nuclear Reactor Regulation
Attn: William McDonald, Director (3 copies)
Office of Management Information & Program Control
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Office of Inspection and Enforcement (30 copies) c/o Distribution Services Branch, DDC, ADM U. S. Nuclear Regulatory Commission Washington, D. C. 20555

Mr. George T. Berry Power Authority of the State of New York 10 Columbus Circle New York, New York 10019

Resident Inspector T. Rebelowski George Wilverding, NYO P. W. Lyon, NYO James Davis (SRC), NYO 2259 304

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