

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 6

[PLEASE PRINT ALL REQUIRED INFORMATION]

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--------|----------------|---------------|---------------|----|----|----|----|------------|----|----|--------------|---|-------------|---|---|------------|---|---|---|---|---|---|---|
| LICENSEE NAME | | LICENSE NUMBER | | | | | | | | | | LICENSE TYPE | | | | | EVENT TYPE | | | | | | | |
| 01 | ILQA02 | 00 | - | 00 | 00 | 00 | - | 00 | 4 | 1 | 1 | 1 | 1 | 0 | 1 | | | | | | | | | |
| 7 | 8 | 9 | 14 | 15 | 25 | 26 | 30 | 31 | 32 | | | | | | | | | | | | | | | |
| CATEGORY | | REPORT TYPE | REPORT SOURCE | DOCKET NUMBER | | | | | EVENT DATE | | | | | REPORT DATE | | | | | | | | | | |
| 01 | CON'T | P0 | T | L | 0 | 5 | 0 | - | 0 | 2 | 6 | 5 | 1 | 0 | 1 | 6 | 7 | 5 | 1 | 0 | 2 | 4 | 7 | 5 |
| 7 | 8 | 57 | 58 | 59 | 60 | 61 | 68 | 69 | 74 | 75 | 80 | | | | | | | | | | | | | |

EVENT DESCRIPTION

| | | | | | | | | | | | | | | | | |
|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| 02 | While performing routine surveillance of hydraulic snubbers on | | | | | | | | | | | | | | | 80 |
| 03 | Unit Two, Grinnell snubber 4752 on the Main Steam Drain Line, | | | | | | | | | | | | | | | 80 |
| 04 | Grinnell snubber 1204 on the Clean-up Pump Suc. Line, and | | | | | | | | | | | | | | | 80 |
| 05 | Bergen-Patterson snubber 157 located on the 4" recirc. | | | | | | | | | | | | | | | 80 |
| 06 | bypass line were found to have empty oil reservoirs. | | | | | | | | | | | | | | | 80 |

| | | | | | | | | | | | | | | | |
|-------------|----|------------|--------|----------------|----|----|----|--------------------------|----|------------------------|----|---|--|-----------|--|
| SYSTEM CODE | | CAUSE CODE | | COMPONENT CODE | | | | PRIME COMPONENT SUPPLIER | | COMPONENT MANUFACTURER | | | | VIOLATION | |
| 07 | XX | E | HANGER | | | | O | G255 | | | | N | | | |
| 7 | 8 | 9 | 10 | 11 | 12 | 17 | 43 | 44 | 46 | 47 | 48 | | | | |

CAUSE DESCRIPTION

| | | | | | | | | | | | | | | | | |
|----|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| 08 | Equipment Failure- The snubbers were found to | | | | | | | | | | | | | | | 80 |
| 09 | have leaking fittings and accumulators. | | | | | | | | | | | | | | | 80 |
| 10 | | | | | | | | | | | | | | | | 80 |

| | | | | | | | | | | | | | |
|---------------------------|---|--------------------|----|--------------------|----|----|----|---------------------|---|-----------------------|----|--|--|
| FACILITY STATUS | | % POWER | | OTHER STATUS | | | | METHOD OF DISCOVERY | | DISCOVERY DESCRIPTION | | | |
| 11 | G | 0 | 0 | 0 | NA | | | | B | NA | | | |
| 7 | 8 | 9 | 10 | 12 | 13 | 44 | 45 | 46 | | | | | |
| FORM OF ACTIVITY RELEASED | | CONTENT OF RELEASE | | AMOUNT OF ACTIVITY | | | | LOCATION OF RELEASE | | | | | |
| 12 | Z | Z | NA | | | | NA | | | | | | |
| 7 | 8 | 9 | 10 | 11 | 44 | 45 | | | | | 80 | | |

PERSONNEL EXPOSURES

| | | | | | |
|--------|---|------|----|-------------|----|
| NUMBER | | TYPE | | DESCRIPTION | |
| 13 | 0 | 0 | 0 | Z | NA |
| 7 | 8 | 9 | 11 | 12 | 13 |

PERSONNEL INJURIES

| | | | | |
|--------|---|-------------|----|----|
| NUMBER | | DESCRIPTION | | |
| 14 | 0 | 0 | 0 | NA |
| 7 | 8 | 9 | 11 | 12 |

OFFSITE CONSEQUENCES

| | | | | | | | | | | | | | | | | |
|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| 15 | NA | | | | | | | | | | | | | | | 80 |
|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|

LOSS OR DAMAGE TO FACILITY

| | | | |
|------|---|-------------|----|
| TYPE | | DESCRIPTION | |
| 16 | Z | NA | |
| 7 | 8 | 9 | 10 |

PUBLICITY

| | | | | | | | | | | | | | | | | |
|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| 17 | NA | | | | | | | | | | | | | | | 80 |
|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|

8306170159 751024
PDR ADOCK 05000265
S PDR

ADDITIONAL FACTORS

| | | | | | | | | | | | | | | | | |
|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| 18 | EVENT DESCRIPTION (Cont.)-Other reservoirs have been found empty at Quad Cities Station before | | | | | | | | | | | | | | | 80 |
|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|

| | | | | | | | | | | | | | | | | |
|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| 19 | Corrective action will include either replacement or repair of snubbers. | | | | | | | | | | | | | | | 80 |
|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|

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NJK-75-526

October 24, 1975

Director of Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

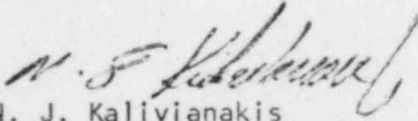
Reference: Quad-Cities Nuclear Power Station
Docket No. 50-265, DPR-30, Unit 2
Appendix A, Sections 1.0.A.2, 3.6.1.1, 6.6.B.1.a

Enclosed please find Abnormal Occurrence Report No. AO 50-265/75-39 for Quad-Cities Nuclear Power Station. This occurrence was previously reported to Region III, Office of Inspection and Enforcement by telephone on October 16, 1975 and to you and Region III, Office of Inspection and Enforcement by telecopy on October 16, 1975.

This report is submitted to you in accordance with the requirements of Technical Specification 6.6.B.1.a.


Very truly yours,

COMMONWEALTH EDISON COMPANY
QUAD-CITIES NUCLEAR POWER STATION


N. J. Kalivianakis
Station Superintendent

NJK/PRF/lk

cc: Region III, Office of Inspection and Enforcement
G. A. Abrell

10202
COPY SENT REGION 

REPORT NUMBER: AO 50-265/75-39

REPORT DATE: October 24, 1975

OCCURRENCE DATE: October 16, 1975

FACILITY: Quad-Cities Nuclear Power Station
Cordova, Illinois 61242

IDENTIFICATION OF OCCURRENCE:

One Bergen-Patterson and two Grinnell hydraulic snubbers were found to have empty oil reservoirs.

CONDITIONS PRIOR TO OCCURRENCE:

Unit Two was in the cold shutdown condition for a maintenance outage.

DESCRIPTION OF OCCURRENCE:

On October 16, 1975 during routine surveillance of hydraulic snubbers on Unit Two, Grinnell snubbers No. 4752 on the main steam drain line and No. 1224 on the clean-up pump suction line were found to have empty oil reservoirs.

Bergen-Patterson snubber No. 157 located inside the Unit Two drywell on the four inch recirculation bypass line was also found to have an empty accumulator. Work Request No. 4120-75 was issued to repair and refill all three snubbers.

DESIGNATION OF APPARENT CAUSE:

Equipment Failure

The apparent cause of this occurrence was due to equipment failure. The two Grinnell snubbers had oil leaks which allowed the reservoirs to drain. The Bergen-Patterson snubber was also found to be leaking.

ANALYSIS OF OCCURRENCE:

Hydraulic snubbers are designed to prevent unrestrained pipe motion under dynamic loads during an earthquake or severe transient, while allowing normal thermal motion during startup and shutdown. Since Unit Two did not experience any seismic or other initiating dynamic loads during the period of operation since the last snubber surveillance, there was little chance of structural damage occurring. In addition, all three restrained pipe lines had operable snubbers adjacent to the leaky snubbers to restrain each pipe line in the event of a dynamic load.

At no time were safe plant operation or the health and safety of the public affected by this occurrence.

October 24, 1975

CORRECTIVE ACTION:

The two Grinnell snubbers will be removed and either repaired or replaced. New snubbers are available at the site. These new snubbers will be used to replace the leaky Grinnell snubbers where they can be fitted into place. In the event that either of the two Grinnell snubbers cannot be replaced, they will be repaired by replacing the seals and tightening the fittings.

The four inch recirculation bypass line inside the drywell that is restrained by the Bergen-Patterson snubber is being removed (AO 50-265/75-38) so this snubber will be removed from service and will not need to be replaced.

FAILURE DATA:

Quad-Cities Station has had problems with leaking snubbers in the past. None of these problems have resulted in any hazard to the plant personnel or the public. It is felt that periodic inspections and timely repairs should minimize future occurrences of this type.