

ATTACHMENT TO LICENSEE EVENT REPORT 83-012/01T-0
COMMONWEALTH EDISON COMPANY (CWE)
DRESDEN UNIT 2 (ILDRS2)
DOCKET #50-237

During unit refueling outage, while conducting routine mechanical snubber 10 percent functional test, snubber #50 ("C" MSL) failed stroke test on 2/10/83. In accordance with Technical Specifications, an additional 10 percent of the snubbers were stroke tested. The following snubbers failed during each additional 10 percent stroke test:

Snubber #46	"B" MSL	2/15/83
Snubber #51	"C" MSL	2/15/83
Snubber #53	"D" MSL	2/18/83
Snubber #44	"C" MSL	2/21/83

A total of thirty out of thirty-nine safety related mechanical snubbers were stroke tested. Event was of minimal safety significance because analysis showed that even without the snubbers in each Main Steam Line, or with one failed locked-up on each line, the piping stresses were within yield. A similar event was reported by R.O. 82-16/03L on Docket 50-249.

The probable cause of these snubber failures was dynamic overload. The Station and Station Nuclear Engineering are investigating the failure mode and possible causes. Future corrective actions will be determined based on the results of the investigation.

Additionally, during the first weekend in March, 1983, Unit 3 was shutdown for an inspection and functional test of all PSA-10 snubbers on the main steam system. No snubber failures resulted from this inspection and functional test. A supplemental report will be issued after the investigation has been completed.



Commonwealth Edison

DEVIATION REPORT

DVR NO. 12 - 2 - 83 - 19
STA UNIT YEAR NO.

PART 1 TITLE OF DEVIATION Unit 2 Mechanical Snubbers #46 and #51 Failed the Stroke Test

OCCURRED 2/15/83 0900
DATE TIME

SYSTEM AFFECTED Main Steam Lines B & C

PLANT STATUS AT TIME OF EVENT

MODE Refuel, PWR(MWT) 0, LOAD(MWE) 0

TESTING YES NO

DESCRIPTION OF EVENT

While performing the functional test of P.S. Mechanical Snubbers #46 and #51 in the Unit 2 drywell, the operation of both snubbers failed the stroke test. Number 46 is very noisy while being stroked and #51 will not move at all.

10 CFR50.72 NRC RED PHONE NOTIFICATION MADE YES NO

EQUIPMENT FAILURE 24903

YES NO

WORK REQUEST NO.

RESPONSIBLE SUPERVISOR Donald C. Maxwell

DATE 2/15/83

PART 2 OPERATING ENGINEER'S COMMENTS

Will be combined with LER on Snubber #50

- EVENT OF PUBLIC INTEREST
TECH. SPEC. VIOLATION
NON REPORTABLE OCCURRENCE
14 DAY REPORTABLE/T.S.
30 DAY REPORTABLE/T.S.
ANNUAL/SPECL REPORT REQ'D

24-HOUR NRC NOTIFICATION REQ'D

TELEPH REGION III DATE TIME

TELEGM/TELECOPY REGION III DATE TIME

CECO CORPORATE NOTIFICATION MADE IF ABOVE NOTIFICATION IS PER 10CFR21

5-DAY WRITTEN REPORT REQ'D PER 10CFR21

A.I.R. # COMBINED WITH DVR ON 1ST MECH. SNUBBER REPORT LER 83-12/01T-0

Teletcopy XXXX Dennis P. Galle 2/18/83 1536
CECO CORPORATE OFFICER DATE TIME

PRELIMINARY REPORT COMPLETED AND REVIEWED

John M. Almer OPERATING ENGINEER

2/18/83 DATE

INVESTIGATED REPORT & RESOLUTION ACCEPTED BY STATION REVIEW

J Bruner 3/10/83

RESOLUTION APPROVED AND AUTHORIZED FOR DISTRIBUTION

STATION SUPERINTENDENT

DATE



Commonwealth Edison

DEVIATION REPORT

DVR NO. 12 - 2 - 83 - 20
STA UNIT YEAR NO.

PART 1 TITLE OF DEVIATION: Failure of Mechanical Snubber #53
OCCURRED DATE: 2/18/83 TIME: 0900

SYSTEM AFFECTED: D Main Steam
PLANT STATUS AT TIME OF EVENT: MODE Refuel, PWR(MWT) 0, LOAD(MWE) 0
TESTING YES NO

DESCRIPTION OF EVENT: While performing additional 10 percent functional tests of Pacific Scientific Mechanical Snubber, #53 snubber in the Unit 2 drywell failed the stroke test.

10 CFR50.72 NRC RED PHONE NOTIFICATION MADE YES NO

EQUIPMENT FAILURE: 29535
WORK REQUEST NO. RESPONSIBLE SUPERVISOR: Sang Rhee DATE: 2/18/83

PART 2 OPERATING ENGINEER'S COMMENTS: This snubber will be evaluated and reported with all failed snubbers this outage.

EVENT OF PUBLIC INTEREST, TECH. SPEC. VIOLATION, NON REPORTABLE OCCURRENCE, 14 DAY REPORTABLE/T.S., 30 DAY REPORTABLE/T.S., ANNUAL/SPECL REPORT REQ'D
24-HOUR NRC NOTIFICATION REQ'D TELEPH, TELEGM/TELECOPY, CECO CORPORATE NOTIFICATION MADE, 5-DAY WRITTEN REPORT REQ'D PER 10CFR21
A.I.R. #, L.E.R. #, COMBINED WITH DVR ON 1ST MECH. SNUBBER REPORT LER 83-12/01T-0
TELEPH: Dennis P. Galle, CECO CORPORATE OFFICER, DATE: 2/18/83, TIME: 1541

PRELIMINARY REPORT COMPLETED AND REVIEWED BY: John M. Almer, OPERATING ENGINEER, DATE: 2/18/83

INVESTIGATED REPORT & RESOLUTION ACCEPTED BY STATION REVIEW: J. Brunner, 3/10/83

RESOLUTION APPROVED AND AUTHORIZED FOR DISTRIBUTION: STATION SUPERINTENDENT, DATE



Commonwealth Edison

DEVIATION REPORT

DVR NO. 12 - 2 - 83 - 27
STA UNIT YEAR NO.

PART 1 TITLE OF DEVIATION OCCURRED
Failure of Mechanical Snubber #44 2/21/83 1400
DATE TIME

SYSTEM AFFECTED PLANT STATUS AT TIME OF EVENT TESTING
C Main Steam MODE Refuel, PWR(MWT) 0, LOAD(MWE) 0 YES NO

DESCRIPTION OF EVENT
While performing functional test of Pacific Scientific Mechanical Snubber, #44 snubber
in the Unit 2 drywell failed the stroke test.

10 CFR50.72 NRC RED PHONE NOTIFICATION MADE YES NO
EQUIPMENT FAILURE 25935 WORK REQUEST NO. RESPONSIBLE SUPERVISOR Sang Rhee DATE 2/22/83

PART 2 OPERATING ENGINEER'S COMMENTS
Include in Supplemental to original LER on snubbers

EVENT OF PUBLIC INTEREST 24-HOUR NRC NOTIFICATION REQ'D
TECH. SPEC. VIOLATION TELEPH REGION III DATE TIME
NON REPORTABLE OCCURRENCE TELEGM/TELECOPY REGION III DATE TIME
14 DAY REPORTABLE/T.S.
30 DAY REPORTABLE/T.S.
ANNUAL/SPECL REPORT REQ'D
CECO CORPORATE NOTIFICATION MADE IF ABOVE NOTIFICATION IS PER 10CFR21
5-DAY WRITTEN REPORT REQ'D PER 10CFR21
A.I.R. # COMBINED WITH
L.E.R. # DVR ON 1ST
MECH. SNUBBER
REPORT
LER 83-12/01T-0
Dennis P. Galle 2/23/83 1441
CECO CORPORATE OFFICER DATE TIME

PRELIMINARY REPORT COMPLETED AND REVIEWED John M. Almer 2/24/83
OPERATING ENGINEER DATE

INVESTIGATED REPORT & RESOLUTION ACCEPTED BY STATION REVIEW
J Brunner
3/10/83

RESOLUTION APPROVED AND AUTHORIZED FOR DISTRIBUTION
STATION SUPERINTENDENT DATE



Commonwealth Edison

DEVIATION REPORT

DVR NO. 12 - 2 - 83 - 17
STA UNIT YEAR NO.

PART 1

TITLE OF DEVIATION

Unit 2 Mechanical Snubber Failed Stroke Test

OCCURRED

2/10/83 1500
DATE TIME

SYSTEM AFFECTED
"C" MSIV Line

PLANT STATUS AT TIME OF EVENT

MODE Refuel, PWR(MWT) 0, LOAD(MWE) 0

TESTING
 YES NO

DESCRIPTION OF EVENT

While performing 10 percent functional test of Pacific Scientific Mechanical Snubber #50 in the Unit 2 drywell, the operation of the snubber was found to be questionable.

10 CFR50.72 NRC RED PHONE
NOTIFICATION MADE 2/26/83 YES NO

EQUIPMENT FAILURE

24903

YES NO

WORK REQUEST NO.

RESPONSIBLE SUPERVISOR Sang Rhee

DATE 2/10/83

PART 2

OPERATING ENGINEER'S COMMENTS

The snubber will be replaced prior to startup. An evaluation of this snubber will be conducted to determine its effect on system operability. This deviation report incorporated with Deviation Reports 12-2-83-19, 12-2-83-20 and 12-2-83-27.

- EVENT OF PUBLIC INTEREST
- TECH. SPEC. VIOLATION
- NON REPORTABLE OCCURRENCE
- 14 DAY REPORTABLE/T.S. 6.6.B.1.i.
- 30 DAY REPORTABLE/T.S. _____
- ANNUAL/SPECL REPORT REQ'D

Upgraded to 14 day reportable on 2/26/83
A.I.R. # _____
L.E.R. #83-12/01T-0

24-HOUR NRC NOTIFICATION REQ'D

TELEPH M. Jordan 2/26/83 1550
REGION III DATE TIME

TELEGM/TELECOPY J. Keppler 2/28/83 1530
REGION III DATE TIME

CECO CORPORATE NOTIFICATION MADE IF ABOVE NOTIFICATION IS PER 10CFR21

5-DAY WRITTEN REPORT REQ'D PER 10CFR21

TELEPH Dennis P. Galle 2/14/83 1416
CECO CORPORATE OFFICER DATE TIME

PRELIMINARY REPORT COMPLETED AND REVIEWED

John M. Almer
OPERATING ENGINEER

2/14/83
DATE

INVESTIGATED REPORT & RESOLUTION ACCEPTED BY STATION REVIEW

J. Brunner
3/10/83

John M. Almer
3/10/83

RESOLUTION APPROVED AND AUTHORIZED FOR DISTRIBUTION

Douglas Perot
STATION SUPERINTENDENT

3/10/83
DATE