

PRELIMINARY NOTIFICATION

8005200 038

Date: May 2, 1980

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-III-80-82

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information presented is as initially received without verification or evaluation and is basically all that is known by IE staff as of this date.

Facility: Consumers Power Company
Midland, Units 1 and 2
(Docket Nos. 50-329 and 50-330)
Midland, Michigan

Subject: FAILED PIPE WHIP RESTRAINT BOLTS, MIDLAND SITE

Consumers Power Company notified the resident inspector that test results of samples of pipe whip restraint bolts indicated lower than acceptable strength in two of the four lots.

Lot #1 was manufactured to A-540 specifications by Southern Bolt Company. The three bolts tested were 6-1/4" by 1-1/8". All three bolts failed at 45 Ksi. They should have failed at greater than 77 Ksi.

Lot #2 on the same order and using the same specification as Lot #1 was manufactured by Texas Bolt and successfully passed the tests.

Lot #3 was manufactured to A-490 specifications by Southern Bolt Company. The three bolts tested were 4-1/2" by 1-1/4". Two of the three bolts failed at 50 Ksi. They should have failed at 102 Ksi. (Southern Bolt Company was the supplier of the reactor vessel anchor bolts which have exhibited failures. Reference PN79-66).

Lot #4 was manufactured by Southern Bolt to the same size and specification as Lot #3. All bolts successfully passed the tensile tests.

At the present time, the total number of pipe whip restraint bolts which may be affected is not known. It is believed that none of the bolts have been tensioned at the job site. The licensee is continuing their review of this problem.

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Commissioner Gilinsky
Commissioner Kennedy
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S. J. Chalk, SECY
C. G. Kammerer, GA
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Transmitted: MNRB
W. J. Dircks, EDO
C. Michelson, AEDB
J. J. Fouchard, PA
N. M. Haller, MPA
G. W. Kerr, MPA
H. K. Shapar, ELD

P. Bldg:
H. R. Denton, NRR
D. F. Ross, NRR
R. J. Mattson, NRR
K. H. Vollmer, NRR
D. Eisenhuet, NRR
S. H. Hanauer, NRR
NN Bldg:
J. C. Davis, NMSS
R. Budnitz, RES

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(MATT)
R. Minogue, SD
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Midland, Units 1 and 2
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Midland, Michigan

Subject: FAILED PIPE WHIP RESTRAINT BOLTS, MIDLAND SITE

The reasons for receipt and acceptance of the pipe whip restraint bolts not meeting material specifications will be reviewed by Region III inspectors.

The State of Michigan is being notified.

The resident inspector notified RIII at 3:45 p.m. on May 1, 1980.

Contact: T. E. Vandell, RIII, 384-2696

R. C. Knop, RIII, 384-2578

G. Fiorelli, RIII, 384-2603

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Chairman Abernethy
Commissioner Gilinsky
Commissioner Kennedy

Commissioner Hendrie
Commissioner Bradford
ACRS

S. J. Chilk, SECV
C. C. Hammer, CA
(For Distribution)

Transmitted: MNBB
W. J. Dircks, EDO
C. Nicholson, ARON
J. J. Fouchard, PA
N. M. Haller, MPA
G. W. Kerr, MPA
R. K. Shaper, ELD

P. Bldg
R. R. Denton, NRR
D. F. Ross, NRR
R. J. Mattson, NRR
R. H. Vollmer, NRR
D. Eisenhar, NRR
S. H. Hanauer, NRR
SS Bldg
J. G. Davis, NMSS
R. Dudnitz, RPS

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(MAIL)
R. Minogue, SD
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