

# Bechtel Associates Professional Corporation

SUBJECT: MCAR 29 (issued 8/31/79)  
Impact Testing of Main Feedwater Pipe

INTERIM REPORT 3

DATE:

PROJECT: Consumers Power Company  
Midland Plant Units 1 & 2  
Bechtel Job 7220

POOR ORIGINAL

## Status of Corrective Action and Investigation

The status of actions in progress for resolution of the subject MCAR is as follows.

- 1) Bechtel has received from Grinnell a graph verifying that samples taken from Heat N-32762 spool 1-ELB-2S638-13-2 (CP-4-11) were not in the heat-affected zone of the bend. Therefore, it is concluded that low Charpy values were the result of material inconsistency for this specific spool and a generic concern for hot bend sections of pipe having poor Charpy characteristics is eliminated.
- 2) As stated previously in Interim Report 1, Bechtel has determined that the minimum service temperature for the applicable spools is 70F. Therefore, Grinnell has submitted and Bechtel has approved a supplier deviation disposition request (SDDR) for the following spools from Heat N-32762 which raises the minimum Charpy test temperature from 30F to 70F.

<u>Spool</u>	<u>Register</u>
1ELB-1S-638-13-3	MP-4-3
1ELB-2S-638-13-3	MP-4-12
1ELB-2S-638-13-4	MP-4-13
1ELB-2S-638-13-5	MP-4-14
1ELB-2S-638-13-6	MP-4-15
2ELB-1S-639-13-2A	MR-4-15A
2ELB-1S-639-13-3A	MR-4-16A
2ELB-1S-639-13-3	MR-4-16
2ELB-2S-639-13-3	MR-4-24
2ELB-2S-639-13-4	MR-4-25

1219 036

7910260034

# Bechtel Associates Professional Corporation

MCAR 29  
Interim Report 3

Page 2.

POOR ORIGINAL

The one hot bend spool associated with this heat, spool 1-ELB-2S-638-13-2, which had previously been identified in Interim Report 2 will be replaced. This particular spool is being replaced due to its uniformly low Charpy test results even though all spools associated with Heat N-32762 would be considered qualified by code as result of Grinnell's acceptable tests at a revised service temperature of 70F.

- 3) Based on Grinnell's conclusion stated previously in Interim Report 2 Grinnell is in the process of retesting heat L-20479 at 70F and will submit an SDDR upon successful completion of the testing. Test results are expected from Grinnell by September 12, 1979, and will be reported in the next MCAR report.

Due to the pending disposition of Heat L-20479 the reportable condition of pipe remains uncertain at this time.

## Forecast Data for Investigation and Corrective Action

The final report is scheduled for October 8, 1979.

Submitted by: *[Signature]*

Approved by: *[Signature]*

Concurrence by: *[Signature]*

FME/jjs  
8/31/1

1319 037