

PRIORITY ATTENTION REQUIRED

DAILY REPORT - REGION I
8/16/73

To: F. Dreher, FO:HQ
From: J. P. O'Reilly, FO:1

Facility

G. Test & Startup

Three Mile Island I
(ON 50-289)

Notification

Inspector on Site

2

Items or Event

During the Core Flooding System Electrical Test, the electric motor operated stop valve in the discharge pipe from each Core Flood Tank could not be opened by its limit torque operator (Model SMB-4-200). These gate valves (total of two) are 14 inches in size with a nominal operating time of 10 seconds and are manufactured by Walworth (Model 5262-PS). This problem has been attributed to a design deficiency, i.e., the stem would not withstand the torque applied by the operator and became elongated, thus restricting stop nut travel. The stem material was 316 stainless steel and new stems made of 17-4 PH stainless steel are to be installed. We were informed that this problem had been previously identified at Congo 1; therefore, we consider it to be of generic interest. The licensee will report this occurrence pursuant to 10 CFR 50.55(e).

Regional Action

Routine Inspection follow-up.

POOR ORIGINAL

D. Construction

None

E. Radiological & Environmental Protection

None

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