Automatic Switch Co.

Manufacturers of
DEPENDABLE CONTROL
Since 1888

ASCO

HANOVER ROAD, FLORHAM PARK, NEW JERSEY 07932 • NJ- (973) 966-2000 / NY-(212) 344-3765 FAX: (973) 966-2628

April 10, 2000

Document Control Desk
Nuclear Regulatory Commission
Washington, D. C. 20555

Subject: 10CFR Part 21 Interim Report 2000-05-0

Dear Madam or Sir:

We recently observed 10CFR Part 21 Interim Report 2000-05-0 on the NRC web site. Clinton Power Station stated that although ITT Barton manufactured the suspect components in question, ASCO has responsibility for this material. This is not the case since ITT Barton has responsibility for all material they manufactured prior to the acquisition of General Controls by ASCO. Accordingly, we have notified ITT Barton via the attached letter.

Please update the NRC website to reflect this additional information. Please also feel free to contact me by telephone at 973-966-2354 or by fax at 973-966-2551, if you would like additional information.

Very truly yours,

Edward J. Fox

Edward J. Fox
Director, Quality Assurance
ASCO Valve Division

EJF:vep
cc: AmerGen
ITT Barton

FOX/00/L-0407-HOLDREDGE-ITT BARTON2:4/10/00 07:08

IE19

Automatic Switch Co.

Manufacturers of
DEPENDABLE CONTROL
Since 1888

ASCO

HANOVER ROAD, FLORHAM PARK, NEW JERSEY 07932 • NJ- (973) 966-2000 / NY-(212) 344-3765 FAX: (973) 966-2628

April 10, 2000

Ted Holdredge
Q.A. Manager
ITT Barton
900 S. Turnbull Canyon Road
PO Box 1882
City of Industry, CA 91749-1882

Dear Mr. Holdredge:

This letter is to notify you of a problem that may exist with Nuclear Grade ITT General Controls Pump Kits manufactured at your ITT Barton facility.

We recently obtained a copy of the attached letter from AmerGen to the NRC dated January 14, 2000. As you can see, it discusses a potential problem with two ITT Pump Kits (NS 109761 AQ and NS 109761 EQX 07) manufactured by ITT Barton. We have evaluated two kits returned from AmerGen and confirmed the nonconformance they describe in the attached letter.

ASCO General Controls does not have the records available to determine if additional pump kits were manufactured by ITT Barton prior to the acquisition of General Controls by ASCO. ASCO General Controls has never manufactured or supplied these kits.

Once you have completed your investigation of this problem, we would appreciate hearing from you concerning your findings and corrective action taken.

Very truly yours,

Edward J. Fox
Director, Quality Assurance
ASCO Valve Division

EJF:vep
Enclosures
cc: AmerGen
NRC Document Control Desk

Michael T. Coyle
Vice President

AmerGen
A PECO Energy/British Energy Company

Clinton Power Station
P.O. Box 678
Clinton, IL 61727
Phone: 217 935-8881 Ext. 4161

U-603314
4F.140
January 14, 2000

Docket No. 50-461

10CFR21.21

Document Control Desk
Nuclear Regulatory Commission
Washington, D. C. 20555

Subject: 10CFR21 Interim Report 21-99-027/028: Hydramotors Fail to Meet Fail Safe Return Time Test Acceptance Criteria and Recycle Criteria Due to Possible Malfunction of ASCO Hydramotor Pump Assemblies

Dear Madam or Sir:

This letter is notification that evaluations of two potential deviations under the provisions of 10CFR, Part 21, will not be completed within the 60-day evaluation requirement of the rule. The affected parts have been returned to the supplier for failure analysis to be performed by the current manufacturer. Completion of the failure analysis will not support the 60-day evaluation requirement. Clinton Power Station (CPS) expects to complete the evaluation of this issue, including the failure analysis, by March 10, 2000. Please note that the deficiencies in these parts were identified during pre-installation testing so the affected components were not installed at CPS.

On November 19, 1999, during refurbishment, CPS Electrical Maintenance personnel installed a new pump assembly from stores into a hydramotor (electro-hydraulic push-type linear actuator) for the B Train Control Room Supply Air Damper. During bench testing of the hydramotor, the redundant relief valve did not meet the fail safe spring return time test acceptance criteria provided in the hydramotor actuator maintenance procedure. The new pump is a possible cause of the test failure. The old pump assembly was reinstalled in the hydramotor and the unit was tested with satisfactory results. The new pump assembly has been returned to the supplier for failure analysis to determine the cause for the test failure. The failure of the new pump assembly to meet the test acceptance criteria has been determined to be potentially reportable under the provisions of 10CFR, Part 21.

IE19 1/1

The hydramotor is model number NH91G2073L33, manufactured by ITT Barton. The new pump assembly is part number NS109761AQ, manufactured by ITT Barton. ITT Barton has been sold to Automatic Switch Company (ASCO) and ASCO now has responsibility under 10CFR21 for this ITT Barton material. CPS has issued Condition Report 1-99-11-134 to track the investigation and resolution of this issue.

On December 1, 1999, during a separate hydramotor refurbishment activity, CPS Electrical Maintenance personnel installed a new pump assembly from stores into a hydramotor for the B Train Standby Gas Treatment System Fuel Building Isolation Damper. During in-shop functional testing of the hydramotor, the hydramotor recycle rate was not consistent with the criteria provided in the hydramotor actuator maintenance procedure. Recycle occurs when sufficient hydraulic fluid is internally bypassed in the hydramotor for the shaft to move 0.10 inch off the fully stroked position. At that point, the hydramotor restarts to drive the shaft back to the full stroke position. The new pump is a possible cause of the functional test failure. The old pump assembly was reinstalled in the hydramotor and the recycle times were satisfactory. The new pump assembly has been returned to the supplier for failure analysis to determine the cause for the test failure. The failure of the new pump assembly to meet the test criteria has been determined to be potentially reportable under the provisions of 10CFR, Part 21.

The hydramotor is model number NH95G4673P203, manufactured by ITT Barton. The new pump assembly is part number NS109761EQX07, manufactured by ITT Barton. As stated above, ASCO has responsibility under 10CFR21 for this ITT Barton material. CPS has issued Condition Report 1-99-12-004 to track the investigation and resolution of this issue.

Additional information about this issue may be obtained by contacting J. W. Blount, Nuclear Station Engineering, at (217) 935-8881, extension 3638.

Sincerely yours,

Michael T. Coyle
Vice President

RSF/krk

cc: NRC Clinton Licensing Project Manager
NRC Resident Office, V-690
Regional Administrator, Region III, USNRC
Illinois Department of Nuclear Safety
INPO Records Center
ASCO