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November 18, 2020

NRC Document Control  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Subject: 10CFR Part 21 Notification for SF-1154 Hydraulic Fluid Batch 17BLVS293

Reference: CWND Enertech NRC 20-003 Report

-(i) Name and address of the individual or individuals informing the Commission

Loretta Anaya, Quality Assurance Manager  
2950 Birch Street  
Brea, CA 92821

-(ii) Identification of the facility, the activity, or the basic component supplied for such facility or such activity within the United States which fails to comply or contains defect.

Basic Component  
SF-1154 Hydraulic Fluid Batch Number 17BLVS293 provided by Enertech to the following:

CUSTOMER	SITE	P.O. NO.	CW PROJECT
Duke Energy	Shearon Harris	03053099	520342
Entergy	Palisades	10563794	770275
Pacific Gas & Electric	Diablo Canyon	3501188958	770287
Pacific Gas & Electric	Diablo Canyon	3501189966	770288
Soljet	Almaraz	E-19/122-PE	770293
KH&NP	Kori	K160440181	801261/830828
Luminant	Comanche Peak	453278	830681
First Energy	Beaver Valley	45520464	830683
Entergy	Grand Gulf	10531691	830689
Entergy	Arkansas Nuclear One	10542924	830715
Entergy	Palisades	10546655	830724
First Energy	Perry	47806699	830730
TVA	Watts Bar	4769368	830780
TVA	Watts Bar	4514608	830806
Duke Energy	Shearon Harris	03083722	960103
Pacific Gas & Electric	Diablo Canyon	3501204336	990253
Duke Energy	Shearon Harris	03097719	830821

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NAR

-(iii) Identification of the firm constructing the facility or supplying the basic component which fails to comply or contains a defect.

Supplied/Dedicated by:  
Curtiss Wright Nuclear Division  
Brea Operations – EnerTech  
2950 Birch Street  
Brea, CA 92821

Manufactured by:  
Momentive Batch Number 17BLVS293

-(iv) Nature of the defect or failure to comply and the safety hazard which is created or could be created by such defect or failure to comply.

Duke Energy, based on a 10CFR Part 21 notification from Lake Engineering, notified EnerTech of the issue related to silicon fluid, Batch 17BLVS293. The potential defect identified in the Fluid to have opaque semi solid material. The fluid used in various snubbers. In snubbers, the semi-solid material could potentially block the bleed orifice and cause the snubber to lock up.

-(v) The date on which the information of such defect or failure to comply was obtained.

September 21, 2020

-(vi) In the case of a basic component which contains a defect or fails to comply, the number and location of these components in use at, supplied for, being supplied for, or may be supplied for, manufacture or being manufactured for one or more facilities or activities subject to the regulations in this part.

CW EnerTech procured (3) 200 kg (55-gallon drums) on December 18, 2017 Momentive Batch 17BLVS293. This was separated into smaller 5-gallon container and supplied to the following sites:

CUSTOMER	SITE	P.O. NO.
Duke Energy	Shearon Harris	03053099
Entergy	Palisades	10563794
Pacific Gas & Electric	Diablo Canyon	3501188958
Pacific Gas & Electric	Diablo Canyon	3501189966
Soljet	Almaraz	E-19/122-PE
KH&NP	Kori	K160440181
Luminant	Comanche Peak	453278
First Energy	Beaver Valley	45520464
Entergy	Grand Gulf	10531691

Entergy	Arkansas Nuclear One	10542924
Entergy	Palisades	10546655
First Energy	Perry	47806699
TVA	Watts Bar	4769368
TVA	Watts Bar	4514608
Duke Energy	Shearon Harris	03083722
Pacific Gas & Electric	Diablo Canyon	3501204336
Duke Energy	Shearon Harris	03097719

-(vii) The corrective action which has been, is being, or will be taken; the name of the individual or organization responsible for the action, and the length of time that has been or will be taken to complete the action.

We understand the potential hazard in regards to the snubber fluid, however Enertech no longer has any fluid remaining for this batch. We then informed our customers the fluid was reported to NRC and we are not able to test the fluid and cannot determine if the fluid will have any impact on the safety function of the snubber.

-(viii) Any advice related to the defect or failure to comply about the facility, activity, or basic component that has been, is being, or will be given to purchasers or licensees.

N/A.

-(ix) In the case of early site permit, the entities to whom an early site permit was transferred.

N/A

CWND Enertech customers noted herein were notified of their procurement requirements.

Regards,



**Loretta Anaya**

Quality Assurance Manager, Enertech  
Nuclear Division

**Curtiss-Wright**

2950 Birch Street, Brea, CA 92821

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