

General Information or Other (PAR)

Event # 42008

Rep Org: FLUKE BIOMEDICAL RMS	Notification Date / Time: 09/22/2005 15:33 (EDT)
Supplier: FLUKE BIOMEDICAL RMS	Event Date / Time: 09/07/2005 (EDT)
	Last Modification: 09/23/2005
Region: 3	Docket #:
City: SOLON	Agreement State: Yes
County:	License #:
State: OH	
NRC Notified by: DAVE SMITH	Notifications: PAMELA HENDERSON R1
HQ Ops Officer: MARK ABRAMOVITZ	TOMAS HERRERA NMSS
Emergency Class: NON EMERGENCY	MICHAEL SHANNON R4
10 CFR Section:	OMID TABATABAI
21.21 UNSPECIFIED PARAGRAPH	

PART 21 REPORT ON FLUKE RADIATION METER

The following information was received via facsimile:

1.0 Name and address of individual informing the Commission:

Zisimos Giatis
 Quality Assurance Manager
 Fluke Biomedical Radiation Management Services
 6045 Cochran Road
 Solon, Ohio 44139

2.0 Identification of the Basic Component supplied which fails to comply or contains a defect:

Customer Complaint 0065 identifies the inability of the customer to insert the detector into the sample volume to the depth defined in primary isotopic calibration report 958.350. The report and manual for the device state the detector is to be inserted to a depth that results in 0.125 inches of the detector body extending outside of the detector mounting flanges. This dimension was expanded to 0.25 inches for the detectors supplied with a removable rear end cap. The customer advised that when installing the detector per the above, the face of the detector would "bottom out" against the sample volume cap before being fully inserted, leaving a gap of approximately 0.3 inches in front of the detector mounting flanges.

3.0 Identification of the firm supplying the Basic Component which fails to comply or contains a defect:

Fluke Biomedical Radiation Management Services
 6045 Cochran Road
 Solon, Ohio 44139

~~IE01~~
 IE19

General Information or Other (PAR)
(Formerly Victoreen, Inc.)

Event # 42008

4.0 Nature of the defect or failure to comply and the Safety Hazard created:

Because the insertion depth is a critical component of the sample volume, and thus the efficiency of the detector, the detector CPM to $\mu\text{Ci/cc}$ conversion constant cannot be validated. The conversion constant supplied for the sample geometry will result in the detector either overstating or understating the radioactivity being monitored.

5.0 The date on which the information of such defect or failure to comply was obtained:

The problem was discovered September 7, 2005.

6.0 Affective Facilities

Diablo Canyon Nuclear Plant, California
Jose Cabrera, Spain
KEPCO, Republic of Korea
KAERI, Republic of Korea
Con Ed, Indian Point 2

7.0 Corrective Action:

The primary calibration will be repeated and a revised insertion depth will be provided to the affected customers. The estimated time frame to complete this task is 6 months.

8.0 Advice related to the defect or failure to comply about the Basic Component that has been, is being, or will be given to purchasers:

At the Diablo Canyon plant, the accident range gas channel is not required for plant operation, and has been declared inoperable. International customers are being advised that the response of their accident range gas monitors may be questionable and to verify the insertion depth used in their plant.

*** UPDATE ON 9/23/05 @ 14:00 BY FAX FROM FLUKE BIOMEDICAL TO ABRAMOVITZ ***

"Entergy (Con Ed) Indian Point 2 will be notified of the situation, although their sampler is no longer being used."

Notified the R1DO (Henderson), NMSS (Moore) and Part 21 (Tabatabai).

Fluke Biomedical

Fax

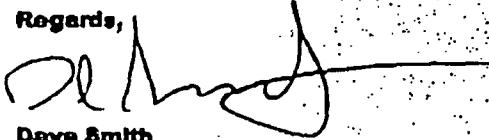
To: Eric Benner, NRC Operations Center **From:** Dave Smith
Fax: 301 816 5151 **Pages:** 3+cover
Phone: 301 816 5100 **Date:** 9/23/2005
Re: Revised Initial Notification **CC:** Z. Glais, A. Lasko

Urgent For Review Please Comment Please Reply Please Recycle

Eric,

Following is our revised initial notification changed to reflect notification at Entergy (Con Ed) Indian Point 2.

Regards,



Dave Smith

Fluke Biomedical RMS

Date: September 23, 2005

To: Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555

From: Zisimos Giatis
Regulatory and Quality Assurance Manager
Fluke Biomedical Radiation Management Services
6045 Cochran Road
Solon, Ohio 44139

Re: 10CFR Part 21 Notification
(Initial Report)
(Changed to reflect notification at Entergy Indian Point 2)

In accordance with 10CFR21, please find the attached notification.

Should you require further information, please contact me at 440 498 2550 or eMail at Zisimos.Giatis@flukebiomedical.com.

Respectfully



Zisimos Giatis
QA Manager
Fluke Biomedical RMS

(for)

10CFR Part 21 Notification

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10CFR Part 21 Notification

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