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SUBJECT: Interim deficiency rept re undersized support welds on Pall Trinity micro filters. Initially reported on 931006. Util reviewing Pall Trinity design repts to identify weld size requirements. Next rept will be provided on or before 940115.

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BLRD-50-438/93-10
BLRD-50-439/93-10

10 CFR 50.55(e)

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
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Gentlemen:

In the Matter of the Application of)
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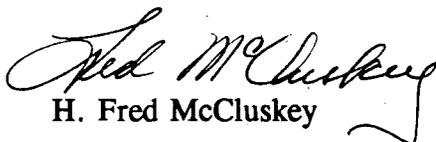
Docket Nos. 50-438
50-439

**BELLEFONTE NUCLEAR PLANT (BLN) - UNDERSIZED SUPPORT WELDS ON
PALL TRINITY MICRO FILTERS - BLRD-50-438/93-10 AND BLRD 50-439/93-10 -
INTERIM REPORT**

The subject deficiency was reported to the NRC Operations Center on October 6, 1993 in accordance with 10 CFR 50.55(e)(3) as Problem Evaluation Report (PER) BLPER930064. The NRC Operations Center was notified of the subject deficiency on October 6, 1994. Enclosure 1 provides an interim report for the subject deficiency. Enclosure 2 provides TVA's commitment to provide an additional report for the subject deficiency on or before January 15, 1994.

Should there be any questions regarding this information, please telephone Greg Pierce, BLN Site Licensing Manager, at (205) 574-8058.

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H. Fred McCluskey

Enclosures

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ENCLOSURE 1

BELLEFONTE NUCLEAR PLANT (BLN) - UNITS 1 AND 2 UNDERSIZED SUPPORT WELDS ON PALL TRINITY MICRO FILTERS PROBLEM EVALUATION REPORT (PER) BLPER930064 BLRD 50-438/93-10 AND BLRD 50-439/93-10

INTERIM REPORT

Description of Deficiency

A condition of undersized support welds on Pall Trinity filters supplied to TVA's Watts Bar Nuclear Plant (WBN) was identified on NRC Report 50-390/89-200. A generic applicability review for TVA's BLN discovered an undersized weld on a Pall Trinity filter at BLN. The potential extent of this problem is given by Table 1 which lists the Pall Trinity filters located in safety-related systems or forming the boundaries for piping systems with safety-related components.

Safety Implications

The failure of a support weld would change the stress in the attached piping. This unanalyzed condition could overstress ASME piping and potentially result in a pressure boundary failure.

Interim Status

TVA is reviewing Pall Trinity Design Reports to identify weld size requirements and will inspect the support welds to document the as-built condition. A final report will be provided upon completion of this inspection and evaluation program. The next report will be provided on or before January 15, 1994.

TABLE 1

PALL TRINITY FILTERS REQUIRING INSPECTION

<u>UNID NO.</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>	<u>ELEVATION</u>	<u>INST. DWG.</u>
1NV-MFLT-009	SEAL INJECTION	A04&R	600'	3BW0419-NV-01
1NV-MFLT-010	SEAL INJECTION	A04&R	600'	3BW0419-NV-01
1NV-MFLT-011	PURIFICATION	A06&T	658'	3BW0419-NV-15
1NV-MFLT-012	PURIFICATION	A06&T	658'	3BW0419-NV-15
1NV-MFLT-013	PURIF./DEMIN.	A06&W	658'	3BW0419-NV-10
1KC-MFLT-008A	COMPONENT COOL.	A03&R	629'	3BW0456-KC-08
1KC-MFLT-009B	COMPONENT COOL.	A03&R	629'	3BW0456-KC-08
1NM-MFLT-025	SPENT FUEL	A07&W	644'	3BW0454-NM-03
1NM-MFLT-026	SPENT FUEL	A07&W	644'	3BW0454-NM-03
1NM-MFLT-029	SF SKIMMER	A07&W	644'	3BW0454-NM-03
1RJ-MFLT-316A	AIR PRE-FILTER	A04&Q	610'	5AW0911-IO-18
1RJ-MFLT-318A	AFTER FILTER	A04&Q	610'	5AW0911-IO-18
1RJ-MFLT-319B	AIR PRE-FILTER	A03&Q	610'	5AW0911-IO-18
1RJ-MFLT-321B	AFTER FILTER	A03&Q	610'	5AW0911-IO-18
0NB-MPLT-639	BORIC ACID	A06&R	649'	3AW0478-NB-04
0NB-MFLT-640	BORIC ACID	A06&R	649'	3AW0478-NB-04
0WG-MFLT-007	WASTE GAS	A08&S	629'	3BW0480-WD-16
2NV-MFLT-009	SEAL INJECTION	A11&R	600'	3BW0419-NV-01
2NV-MFLT-010	SEAL INJECTION	A11&R	600'	3BW0419-NV-01
2NV-MFLT-011	PURIFICATION	A09&T	658'	3BW0419-NV-15
2NV-MFLT-012	PURIFICATION	A09&T	658'	3BW0419-NV-15
2NV-MFLT-013	PURIF./DEMIN.	A09&W	658'	3BW0419-NV-10
2KC-MFLT-008A	COMPONENT COOL	A12&R	629'	3BW0456-KC-09
2KC-MFLT-009B	COMPONENT COOL	A12&R	629'	3BW0456-KC-09
2NM-MFLT-027	SPENT FUEL	A08&W	644'	3BW0454-NM-03
2NM-MFLT-028	SPENT FUEL	A08&W	644'	3BW0454-NM-03
2NM-MFLT-030	SF SKIMMER	A08&W	644'	3BW0454-NM-03
2RJ-MFLT-316A	AIR PRE-FILTER	A11&R	610'	5AW0911-IO-18
2RJ-MFLT-318A	AFTER FILTER	A11&R	610'	5AW0911-IO-18
2RJ-MFLT-319B	AIR PRE-FILTER	A12&R	610'	5AW0911-IO-18
2RJ-MFLT-321B	AFTER FILTER	A12&R	610'	5AW0911-IO-18

ENCLOSURE 2

**BELLEFONTE NUCLEAR PLANT (BLN) - UNITS 1 AND 2
BLRD-50-438/93-10 AND BLRD-50-439/93-10**

COMMITMENTS

TVA will provide an additional report on or before January 15, 1994 with the results of the evaluations to date and planned corrective actions.