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 AUTH.NAME AUTHOR AFFILIATION  
 TRITCH,S.R. Westinghouse Electric Corp.  
 RECIP.NAME RECIPIENT AFFILIATION  
 MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411 R

SUBJECT: Part 21 rept re potential deficiency w/ ASL dry type  
 transformers.Initially reported on 910610.Recommends issue  
 be pursued w/ABB since Westinghouse do not have necessary  
 technical info or expertise to identify cause nor solution.

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Westinghouse  
Electric Corporation

Energy Systems

Nuclear and Advanced  
Technology Division

Box 355  
Pittsburgh Pennsylvania 15230-0355

ET-NRC-91-3638

November 14, 1991

Document Control Desk  
US Nuclear Regulatory Commission  
Washington, DC 20555

Attention: Dr. Thomas E. Murley, Director  
Office of Nuclear Reactor Regulation

Dear Dr. Murley:

Attached is a generic version of the customer notification letter, issued by Westinghouse to all utilities, both domestic and international which may have been supplied with safety related ASL Dry Type Transformers. This letter was prepared to document Westinghouse's evaluation, of the ASL Dry Type Transformer issue, pursuant to the requirements of 10CFR Part 21.

*S R Tritch*

S. R. Tritch, Manager  
Engineering Technology Department

LRH/sa

Attachment

cc: ABB Power T&D Company Inc.  
651 Holiday Drive  
Pittsburgh, PA 15220

Attn: P. J. Pillitteri, Field Service Manager Integrated Logistics Support

LRHardwickNET-NRC-91-3638

9201160114 211114  
PDR ADOCK 05000397  
PDR

*IE19*  
*11*

Subject: Westinghouse ASL Dry Type Transformers

To: Utility

On June 10, 1991 the Washington Public Power Supply System (WPPSS) notified the NRC of a potential deficiency regarding ASL Power Center Dry Type Transformers. In September 1987, an insulator that supports the C-phase coil of a Westinghouse supplied dry type air ventilated 2000KVA Non Class IE transformer was discovered to be cracked at WNP-3. In January 1990, three additional cracked insulators were discovered in another Non Class IE transformer purchased under the same contract.

Due to the above, WNP-3 engineering personnel inspected the plant's six Class IE power center transformers purchased under the same contract. These transformers, which have not yet been energized, were inspected in November 1990. This inspection revealed cracked insulators in two of the six transformers.

Westinghouse sold the transformer product lines, including the ASL Dry Type Power Center Transformers, to ABB Power Transmission and Distribution Company Inc. Consequently, Westinghouse does not have the necessary technical information or expertise available to identify all of the potentially affected plants, the cause, nor the ultimate solution. Westinghouse has been informed by ABB that the cracking of the insulators could have catastrophic effect on the structural integrity of the transformer. If your plant was supplied or utilizes the ASL Power Center Dry Type Transformer, Westinghouse recommends that you pursue this matter directly with ABB. Westinghouse has provided a copy of this generic notification to ABB and the NRC and has concluded its evaluation of this issue pursuant to the requirements of 10CFR Part 21.

Project Manager

/sa

ET-NRG-91-3638

November 14, 1991

bcc: R. P. DiPiazza	- ECE 4-15
P. J. Morris	- ECE 4-07A
D. E. Rygg	- FH - 413A
J. J. Jelovich	- FH - 402A
D. R. Gregg	- FH - 322A
L. W. Gaussa	- FH - A404C
R. B. Miller	- ECE 4-07A
W. H. White	- ECE 568A
H. A. Sepp	- ECE 422B
J. J. DeBlasio	- ECE 4-08
L. R. Hardwick	- ECE 4-07A

NRC:

This is a resend of this letter. We were told  
You did not receive it.

Lori Piplica  
Secretary to S. R. Tritch  
Westinghouse Electric Corporation

