

6240  
NREAD

SEP 29 1987

From: Director, Natural Resources and Environmental Affairs  
Division, Marine Corps Base, Camp Lejeune  
To: Base Maintenance Division, Electrical Distribution Shop,  
M & R Section

Subj: PCB TRANSFORMER QUARTERLY INSPECTION OF 16 AND 21  
SEPTEMBER 1987, PERFORMED BY LONNIE MORTON, ELEC  
DIST., AND TOM BARBEE, NREAD

Ref: (a) 40 CFR 761

Encl: (1) Notes on PCB Inspection

1. The quarterly PCB transformer inspection has been completed in accordance with the reference. Discrepancies were noted and are provided as the enclosure. Ongoing action by addressees is required to maintain compliance with the PCB regulations contained in the reference.

2. For purposes of record keeping required by the reference, please notify NREAD of dates corrective action on each discrepancy is both begun and completed.

3. Point of contact is Tom Barbee, NREAD, at extension 5977.

J. I. WOOTEN

Copy to:  
AC/S, FAC  
BFire Department

Blind copy to:  
EC&MS, (Attn: Tom)

*add*  
*Encl.*



NOTES OF PCB INSPECTION

TRANSFORMER SERIAL NO.	LOCATION	DISCREPANCY & CORRECTIVE ACTION NEEDED
1. 110065	Bldg. 825	Combustibles inside (2 wooden ladders) REMOVE
2. RFK0874	Bldg. 2	Ants (fire ?) inside transformer (XFMR) case EXTERMINATE
3. G854205	HP-460	Nearby steam line leaking onto XFMR case, making it discolored and hotter than it should be. REPAIR STEAM LINE. This XFMR should be relocated outside since it shares room with other equipment.
4. 3PMC92476	HP-53	Flashguard is arcing. REPAIR
5. 4PMC92476	HP-55	Flashguard is arcing. REPAIR
6. PXC08872 8036879 8036880	901 " "	Combustibles present. Remove these bird nest materials on floor. The wire fence that serves as a wall should be replaced with a solid masonry wall.
7. 76640	FC100	Erected barricade needs painting.
8. 76641	FC200	1 - 4 quarts of sticky soil around base of XFMR on concrete pad. May be PCBs. Check for leaks. Dispose of soil as PCBs.
9. 4PXC49674	FC414	Steel barricade columns need filling with concrete.
10. H376026P73A	TC-480 (G-480)	Barricade columns need to be erected to protect XFMR from parking lot traffic.



- |     |             |                       |   |
|-----|-------------|-----------------------|---|
| 11. | F-964670    | AS-4108               | Combustibles inside. These pieces of lumber need to be removed. The vent in wall to adjacent office should be closed up with masonry blocks.  |
| 12. | PCV0741-01  | AS-4020<br>(SAS-4021) | Padlock needs replacing.  |
| 13. | H-887992    | AS-4025<br>(SAS-4026) | Combustibles inside fence. It is grass and needs to be removed.   |
| 14. | H315751-70P | SAS-560               | Less than 2 ounces PCB oil leaked from X0, X1, and X3 bushings. Clean up, repair. Grass adjacent to pad is 3 - 4 feet tall. It needs mowing.  |
| 15. | 5538055     | AS-3502<br>(SAS-3536) | Much less than one ounce of PCB oil leaked from tap change onto valve below. Clean up, repair. Steel barricade columns need to be erected to protect XFMR from parking lot traffic. |
| 16. | 74V5680     | AS-901<br>(SAS-904)   | PCB oil stain on XFMR case. Clean up, check up, Check for leaks.  |
| 17. | 37584       | AS-705                | PCB oil drop on valve. Clean up, check for leaks. 200 gallon LP gas tank is about 10 feet from XFMR. Potential fire hazard exists. Recommend moving LP gas tank to safer location.  |
| 18. | F637073-66P | AS-312                | Brick fence surrounding XFMR needs repair.  |
| 19. | 6740378     | AS-205<br>(SAS-221)   | One-inch diameter PCB stain on concrete pad below valve. Clean up, check for leak.  |

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20. The following PCB transformers are outside on concrete pads and are showing significant rust around the lower edges of their oil tanks. Untreated, these may develop into leaks sometime in the future.

SERIAL NUMBER	LOCATION
1PMC92476	1140
2PMC92476	HP-51
3PMC92476	HP-53
4PMC92476	HP-55
5PMC92476	HP-57
6PMC92476	1140
7PMC92476	HP-56
8PMC92476	HP-52
2PXC49674	FC-411
3PXC49674	FC-412
4PXC49674	FC-414
5PXC49674	FC-400

20. For the following, list the appropriate number of significant figures and show the correct number of significant figures in the answer. All answers should be rounded to the correct number of significant figures.

Problem	Answer
1. 2.34 + 5.678	8.018
2. 12.1 - 3.456	8.644
3. 3.456 x 2.1	7.2576
4. 12.34 / 5.678	2.173
5. 1.23 + 4.56 + 7.89	13.68
6. 12.34 - 5.678	6.662
7. 3.456 x 2.1 x 1.2	8.7216
8. 12.34 / 5.678 x 2.1	4.546
9. 1.23 + 4.56 x 7.89	36.45
10. 12.34 - 5.678 + 2.1	8.762

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SEP 29 1987

From: Director, Natural Resources and Environmental Affairs  
Division, Marine Corps Base, Camp Lejeune  
To: Base Fire Department, Marine Corps Base, Camp  
Lejeune

Subj: PCB TRANSFORMER INVENTORY UPDATE

Ref: (a) 40 CFR 761.30  
(b) 40 CFR 761.40

Encl: (1) Recently identified PCB Transformer at Bldg. 89,  
Bonnyman Bowling Center

1. The Electrical Distribution Shop, Base Maintenance Division, recently advised of the presence of a possible PCB transformer in a fence just outside Building 89. A telephone call to the manufacturer confirmed its identity as PCB (containing PCB 500 ppm).

2. In accordance with reference (a), the enclosure is provided. This fulfills the requirement for registry with responsible fire response personnel.

3. In accordance with refernece (b), both the PCB transformer and its enclosure have been marked with the EPA-authorized label.

4. Point of contact is Tom Barbee, Natural Resources and Environmental Affairs Division, at extension 5977.

J. I. WOOTEN

Copy to:  
Elec Dist Shop

Blind copy to:  
EC&MS (Attn: Tom)

*JIS*  
*Encl.*



RECENTLY IDENTIFIED PCB TRANSFORMER  
AT BLDG. 89, BONNYMAN BOWLING CENTER

SERIAL NO.	SPECIFIC LOCATION	DIELECTRIC DATA	KVA
76301	Within a chain-link fence 20 feet from SE end of Bldg, 89	251 gallons Askarel 2313 lbs., or 1051.4 kg.	500

RECEIVED BY THE DIRECTOR OF THE BUREAU OF THE ARMY AND NAVAL STORES

DATE: 10/15/50

TO: THE DIRECTOR OF THE BUREAU OF THE ARMY AND NAVAL STORES

FROM: THE DIRECTOR OF THE BUREAU OF THE ARMY AND NAVAL STORES

SUBJECT: [Illegible]

[Illegible]