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NTC ORLANDO
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LETTER ESTABLISHING CLEAN UP CRITERIA FOR REMEDIAL EFFORTS NTC ORLANDO
FL
8/29/1995
ABB ENVIRONMENTAL



90

August 29, 1995

FILE COPY

Doc. No.: 08519-309

Mr. Eric Nuzie
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Subject: NTC Orlando BRAC Clean-Up Criteria
Relief Request
CTO 107, Contract No.: N62467-89-D-0317

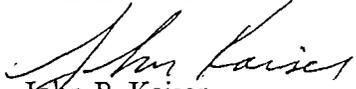
Dear Eric:

As you are aware, the Navy is in the process of addressing approximately 296 underground and aboveground storage tanks UST/AST; at NTC Orlando. Involved with each storage tank system removed or not, is the closure assessment and resultant possible contamination assessment actions in accordance with FDEP regulations described in Chapter 62-770FAC and FDEP guidelines. The NTC Orlando Tank Management Plan (TMP) dated February 1995 describes the process involved in closing and assessing the storage tank system. FDEP regulations for petroleum contamination requires assessments and remediation of soil to achieve clean up levels of 10 ppm (OVA reading.) At other closing or realigning bases in the State of Florida, that ABB-ES has been involved with, the soil clean-up criteria value has been increased to as high as 40 ppm for soil clean-up criteria based on certain site characteristics, the type of tank content, and the overall number of tanks that will be addressed.

Because of the large number of storage tank systems at NTC Orlando, and the fact that a substantial number are non-regulated tanks requiring closure by FDEP, the Navy is requesting relief on the 10 ppm clean-up limit. It is felt that by achieving clean-up levels below 50 ppm, but greater than 10 ppm, the government would be acting in a conservative manner and at the same time, potentially save a substantial amount of money, that could be used for other clean-up projects.

Should you have any questions regarding this request, or would like to discuss the matter further, please call Nick Ugolini at 803-743-0596 or the signatures below at 407-895-8845.

Very Truly Yours
ABB Environmental Services, Inc.


John P. Kaiser
Principal Project Manager


Manuel Alonso, P.G.
Senior Geologist

JPK\MA\mjp
cc: D. Clowes - FDEP
N. Ugolini - SOUTHDIV
W. Hansel - SOUTHDIV
M. Zill - NTC Orlando

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ABB Environmental Services Inc.

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Orlando, Florida 32803

Telephone (407) 895-8845
Fax (407) 896-6150

September 1, 1995

To: Nick Ugolini, SOUTHNAVFACENGCOM

From: John Kaiser, ABB-ES
Manuel Alonso, ABB-ES

Subject: Telephone Conversation with FDEP

On September 1, 1995, Mr. Eric Nuzie and Mr. Tim Bahr of the FDEP contacted ABB-ES to discuss our letter dated August 29, 1995 (Attached).

Mr. Nuzie and Mr. Bahr pointed out that a "clean tank closure" can be obtained at a storage tank system site if organic vapor readings are less than 50 ppm for diesel or mixed product (heating fuel) and/or 500 ppm for gasoline, as long as, the groundwater does not violate State of Florida standards.

The TMP describes removing soil to 10 ppm during the tank removal in order to eliminate the source of the petroleum contamination to the groundwater and to increase the chances of obtaining a clean water sample after the excavation has been back filled.

The removal of soil below 50 ppm (heating oil) at sites is a decision the ABB-ES and the Navy needs to make.

During this discussion it was also agreed that the FDEP will review tank closure assessment reports for non-regulated tanks and Orange County will review tank closure reports for regulated tanks.

Mr. Eric Nuzie and David Clowes's replacement will be at the next BCT meeting to discuss these issues, if needed.

Based on this conversation we believe the 10 to 50 ppm issue is resolved. Please call with any questions or comments.

cc File

Rec. 09/07/95
Doc.# 312-08519

5090
NTC 010E MZ
1 Sep 95

From: Commander, Naval Training Center, Orlando
To: Commanding Officer, Southern Division, Naval Facilities
Engineering Command (Code 1843NJU)

Subj: FY-95 TANK REMOVAL PROGRAM

Ref: (a) SOUTHNAVFACENCOM Memo of 21 Aug 95

Encl: (1) Bechtel Storage Tank Amendment Form
(2) FDEP Storage Tank Registration/Amendment Form
(3) List of Tanks Pumped by NTC Contractor

1. Enclosure (1) is forwarded for your action as per reference (a) in which you recap the procedure for making changes to the approved tank removal list. Enclosure (2) is forwarded for action by ABB and Bechtel.
2. Tank #232 was inadvertently deleted from the FDEP Registration Forms originally filed with the State. Tank #2003 was a manifolded tank. Dividing them into #2003 and #2003A will allow easier tracking. Tanks #230A, 246B and 2036B were discovered during site walkdowns in preparation for tank removal. Tank #2080-5 was inadvertently deleted from the official approved list enclosed with the NTC Orlando letter of 21 July 1995.
3. Enclosure (3) is a listing of tanks pumped by NTC's contractor, International Petroleum Corporation, including the date the tank was pumped, amount of product removed, and amount of product/water remaining. NTC is continuing to pursue removal of POL from the remainder of the tanks in the FY95 program.
4. Should you have further questions, please call Mark S. Zill (Code 010E) at DSN 791-4663 or COMM (407) 646-4663.

CATHERINE A. BALLINGER
By direction

Copy to:
Orange County Environmental Protection Department
Florida Department of Environmental Protection Bureau of Waste
Cleanup
Florida Department of Environmental Protection Central District
Mr. Tom Conrad, Bechtel
Mr. Ray Willis, Bechtel
Mr. Manuel Alonso, ABB Environmental Services, Inc





Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form # 17-761900(2)
Form Title Storage Tank Registration Form
Effective Date December 10, 1990
DER Application No. (Filed in by DER)

Storage Tank Registration Form

Please Print or Type - Review Instructions Before Completing Form

1. DER Facility ID Number:
2. Facility Type: Federal
3. New Registration [] New Owner Data [] Facility Revision [] Tank(s) Revision [X]
4. County and Code of tank(s) location: Orange / 48

5. Facility Name: Naval Training Center
Tank(s) Address: 1350 Grace Hopper Ave., Suite 010E
City/State/Zip: Orlando, FL 32813-8405
Contact Person: Mark S. Zill Telephone: (407) 646-4663
6. Financial Responsibility Type: C

7a. Tank(s) Owner: Commander, Naval Training Center (Code 010E)
Owner Mailing Address: 1350 Grace Hopper Ave.
City/State/Zip: Orlando, FL 32813-8405
Contact Person: Mark S. Zill Telephone: (407) 646-4663

7b. New Owner Signature/Change Date:

8. Location (optional) Latitude: Longitude: Section Township Range

Complete One Line For Each Tank At This Facility (Use Codes - See Instructions)

Complete 9 - 16 for tanks in use; 9 - 19 for tanks out of use

Table with 11 columns (9-19) and 5 rows of tank registration data including codes like 232, 246B, 2003A, 2036B.

20. Florida Petroleum Certified Contractor* DPR# Department of Professional Regulation License Number*

*For new tank installation or tank removal

To the best of my knowledge and belief all information submitted on this form is true, accurate and complete.

CATHERINE A. BALLINGER LCDR, U.S.N. CEC
Print name & title of owner or authorized person
Signature: [Handwritten Signature] Date: 01 Sep 95



STORAGE TANK LIST AMENDMENT FORM
NTC ORLANDO TANK MANAGEMENT PLAN
TANK REMEDIATION PROGRAM

FROM: NTC Orlando, Public Works Dept. for SOUTH DIV

TO: BECHTEL ENVIRONMENTAL, INC.

The following tanks are to be added to the Tank Removal List for the Fiscal Year(s) indicated:

Tank I.D.	AST/UST	FY	Location
246B	UST	95	NW corner of bldg 246 in grassed area
2003A	AST	95	Manifolded to 2003
230A	UST	95	West side of Bldg 230.
2036B	UST	95	East side of Bldg 2036.
2080-5	UST	98	North of Bldg 2080.

The following tanks are to be removed from the Tank Removal List for the Fiscal Year(s) indicated:

Tank I.D.	AST/UST	FY	Location
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Note: This form is used for transmittal of changes in scope of tanks scheduled for removal.

Signed: Carl Q. Ball Date: 01 Sep 95

Figure 4-2

Tanks Pumped By International Petroleum

All tanks pumped during the months of July and August 1995.

Date	Building Number	Fuel Pumped	Water/Fuel Left
27JUL95	235	900gal	2 inches
	238	450gal	4 inches
	250	200gal	3 inches
	240	200gal	2 inches
28JUL95	218	1550gal	
31JUL95	218	2250gal	3 inches
01AUG95	222	600gal	
	216	10550gal	1 inch
	222	4100gal	1 inch
	2003-1	300gal	1 inch
	2003-2	300gal	1 inch
	2004	500gal	1 inch
	2095	400gal	1 inch
	2095-2	450gal	1 inch
	2709	300gal	1 inch
	2712	300gal	1 inch
02AUG95	2723	100gal	1 inch
	2816	250gal	1 inch
	224	4000gal	1 inch
	226	6200gal	1 inch
	228	6700gal	1 inch
	230	1500gal	1 inch
	232	3300gal	
04AUG95	232	2000gal	1 inch
	234	5000gal	12 inches
	210	2500gal	12 inches
	212	6150gal	12 inches
	2036	900gal	1/2 inch
	2724	900gal	1/2 inch
	2817	900gal	1/2 inch
	220	6000gal	38 inches
05AUG95	214	5700gal	3 inches
	212	800gal	5 inches
	206	1200gal	1/4 inch
	215A	110gal	1 inch
	215	2700gal	2 inches
	2036	500gal	0 inches
	2036A	75gal	2 inches
	2817	1060gal	0 inches
	252	2100gal	4 inches
	2012	500gal	1 inch

	7240	475gal	8 inches
	7202	450gal	3 inches
	7201	150gal	0 inches
	7201A	450gal	3 inches
11AUG95	7241-1	100gal	0 inches
	7241-2	900gal	0 inches
	7241-3	700gal	0 inches
	7242	750gal	0 inches
	7244	700gal	0 inches
	7247	1800gal	2 inches
	7246	400gal	
14AUG95	7246	535gal	0 inches
	7184	115gal	0 inches
	RV-2	400gal	0 inches
	7253	1000gal	5 inches
	7264	625gal	0 inches
21AUG95	246-1	350gal	0 inches
	246-2	100gal	0 inches
	2036	100gal	0 inches
	311	250gal	0 inches
	313	200gal	0 inches
	2011	300gal	0 inches
	2018	1000gal	0 inches