

Check Sheet

Company Name: Naval Station Mayport
Permit Number: AC 116-143040
PSD Number: _____
Permit Engineer: _____

Application:

- ☒ Initial Application
- ☒ Incompleteness Letters
- ☒ Responses
- ☐ Waiver of Department Action
- ☐ Department Response
- ☐ Other

Cross References:

- ☐
- ☐
- ☐

Intent:

- ☒ Intent to Issue
- ☒ Notice of Intent to Issue
- ☒ Technical Evaluation
- ☒ BACT or LAER Determination
- ☒ Unsigned Permit
- Correspondence with:
 - ☐ EPA
 - ☐ Park Services
 - ☐ Other
- ☒ Proof of Publication
 - ☐ Petitions - (Related to extensions, hearings, etc.)
 - ☐ Waiver of Department Action
 - ☐ Other

Final

Determination:

- ☒ Final Determination
- ☒ Signed Permit
- ☒ BACT or LAER Determination
- ☐ Other

Post Permit Correspondence:

- ☐ Extensions/Amendments/Modifications
- ☒ Other



DEPARTMENT OF THE NAVY

NAVAL STATION
MAYPORT, FLORIDA 32228-5000

IN REPLY REFER TO:

5090

Ser N422/ 1856

07 JUN 1990

CERTIFIED MAIL

Mr. Darrel Hall
Bio Environmental Services Division
City of Jacksonville
421 West Church Street
Jacksonville, FL 32202-4111

Project # _____ Grantee _____ Step _____

INITIAL & ROUTE	Proj	Con					
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Subj: PERMIT NO. AC16-143040, FIRE
FIGHTING TRAINING FACILITY

Dear Mr. Hall:

The enclosed application titled "Air Pollution Sources Certificate of Completion of Construction" and processing fees, for the City of Jacksonville and the State of Florida, are for the continued operation of the new Fire Fighting Training Facility, Naval Station Mayport, Permit AC16-143040. Also enclosed are the April 20, 1988, Construction Permit for the Facility and the visible emissions readings previously submitted.

If there are any questions, please contact Mr. Michael Davenport,
(904) 241-6730.

Sincerely,

PETER A. C. LONG
Captain, U. S. Navy
Commanding Officer

Encl:

- (1) FDER Form 17-1.122(20)
(Original and 2 copies)
with VE Readings of 3/28/90,
9/11 and 9/12/89
- (2) Check # 8378-70663474, \$500.00, of
6/1/90 to BESD, City of Jacksonville
- (3) Check # 8378-70663856, \$750.00, of
6/4/90 to Florida Dept of Environmental
Regulation, Tallahassee
- (4) Construction Permit of
April 20, 1988

Copy to: (w/o encls 2 thru 4)
Bureau of Air Quality Management
Florida Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

RECEIVED

JUN 11 1990

Dept. of Environmental Regulation
Bureau of Local Government
Wastewater Financial Assistance

5090
N422

Director
Northeast District
Florida Department of Environmental Regulation
3426 Bills Road
Jacksonville, FL 32207

Commanding Officer
Southern Division (11411)
Naval Facilities Engineering Division
P. O. Box 10068
Charleston, SC 29411-0068



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
AIR POLLUTION SOURCES
CERTIFICATE OF COMPLETION OF CONSTRUCTION*

PERMIT NO. AC16-143040 DATE: _____

Company Name: U. S. Navy (NS Mayport) County: Duval

Source Identification(s): Fire Fighting Training Facility

Actual costs of serving pollution control purpose: \$ NA

Operating Rates: .46 lb triarylphosphate/fire Design Capacity: NA

Expected Normal .46 lb triarylphosphate/fire During Compliance Test same

Date of Compliance Test: 11-12 SEP 89 & 28 MAR 90 (Attach detailed test report)

Test Results:	Pollutant	Actual Discharge	Allowed Discharge
	<u>visible emissions</u>	<u>see attached reports</u>	<u>20% opacity 50 feet from facility</u>
	_____	_____	_____
	_____	_____	_____

Date plant placed in operation: 28 February 1990

This is to certify that, with the exception of deviations noted**, the construction of the project has been completed in accordance with the application to construct and Construction Permit No. AC16-143040 dated 20 April 1988.

A. Applicant:

PETER A. C. LONG, CAPTAIN, U. S. NAVY, COMMANDING OFFICER
Name of Person Signing (Type) Signature of Owner or Authorized Representative and Title

Date: 30 MAY 90 Telephone: (904) 246-5201

B. ~~Professional Engineer~~ Salaried Officer of the United States Government*

CAPT Bruce L. Runberg CEC USN
Name of Person Signing (Type) Signature of Professional Engineer

Southern Division, Naval Facilities
Engineering Command
Florida Registration No. NA ~~XXXXXX~~ salaried officer

Date: _____

PO Box 10068
Charleston, SC 29411-0068

Mailing Address

(803) 743-0700
Telephone Number

(Seal)
XXXX

*as allowed by FDER Interoffice Memorandum of 29 MAR 89

*This form, satisfactorily completed, submitted in conjunction with an existing application to construct permit and payment of application processing fee will be accepted in lieu of an application to operate.

**As built, if not built as indicated include process flow sketch, plot plan sketch, and updates of applicable pages of application form.



12-90 MON 7:47

P. 02

BEST AVAILABLE COPY

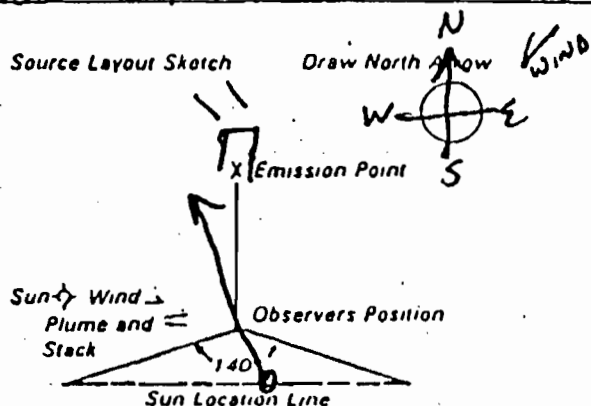
Section 3.12.10

6

April 1983

Visible Emission Observation Form

SOURCE NAME			OBSERVATION DATE				START TIME				STOP TIME			
FTC Mayport			3/28/90				10:18				11:18			
ADDRESS			SEC				SEC				SEC			
19 FIA North Stack			MIN				MIN				MIN			
			0 15 30 45				0 15 30 45				0 15 30 45			
CITY			2				32				0 5 0 0			
Mayport NAS			3				33				0 0 0 0			
STATE			4				34				0 0 0 0			
FLA			5				35				0 0 0 0			
ZIP			6				36				0 0 0 0			
PHONE			7				37				0 0 0 0			
SOURCE ID NUMBER			8				38				0 0 0 0			
PROCESS EQUIPMENT			9				39				0 0 0 0			
OPERATING MODE			10				40				0 0 0 0			
CONTROL EQUIPMENT			11				41				0 0 0 0			
OPERATING MODE			12				42				0 0 0 0			
DESCRIBE EMISSION POINT			13				43				0 0 0 0			
Rectangular Stack			14				44				0 0 0 0			
START			15				45				0 0 0 0			
STOP			16				46				0 0 0 0			
HEIGHT ABOVE GROUND LEVEL			17				47				0 0 0 0			
START 25' STOP 25'			18				48				0 5 5 5			
HEIGHT RELATIVE TO OBSERVER			19				49				5 10 10 10			
START 25' STOP 25'			20				50				5 0 5 10			
DISTANCE FROM OBSERVER			21				51				10 10 0 0			
START 75' STOP 75'			22				52				0 0 0 0			
DIRECTION FROM OBSERVER			23				53				0 0 0 0			
START N STOP N			24				54				5 10 10 10			
DESCRIBE EMISSIONS			25				55				10 10 10 10			
Gray Billowy Smoke			26				56				10 10 10 10			
START			27				57				10 10 10 10			
STOP			28				58				10 10 5 5			
EMISSION COLOR			29				59				0 0 0 0			
Gray			30				60				0 0 0 0			
START			AVERAGE OPACITY FOR HIGHEST PERIOD				NUMBER OF READINGS ABOVE							
STOP			8.0				15 % WERE 0							
WATER DROPLETS PRESENT			RANGE OF OPACITY READINGS											
NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			MINIMUM 0				MAXIMUM 15							
IF WATER DROPLET PLUME			OBSERVER'S NAME (PRINT)											
ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>			Richard Morin											
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED			OBSERVER'S SIGNATURE											
START Stack Exit STOP Stack Exit			Richard Morin											
DESCRIBE BACKGROUND			DATE											
START Blue/white STOP Blue/white			3/28/90											
BACKGROUND COLOR			ORGANIZATION											
START Blue/white STOP Blue/white			Envirofact, Inc.											
WIND SPEED			I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS											
START 3-5 STOP 3-5			SIGNATURE											
WIND DIRECTION			TITLE											
START NE STOP NE			DATE											
AMBIENT TEMP			CERTIFIED BY											
START 65°F STOP 70°F			DATE											
WET BULB TEMP			VERIFIED BY											
RH. percent			DATE											



COMMENTS

sky overcast at start - clearing during test

5 FIRE Simulations

OBSERVER'S NAME (PRINT)

Richard Morin

OBSERVER'S SIGNATURE

Richard Morin

DATE

3/28/90

ORGANIZATION

Envirofact, Inc.

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS

SIGNATURE

TITLE

DATE

CERTIFIED BY

DATE

VERIFIED BY

DATE



2-90. MON 7:48

BEST AVAILABLE COPY

P. 03

Section 3.12.10

6

April 1983

Visible Emission Observation Form

SOURCE NAME			OBSERVATION DATE				START TIME				STOP TIME			
ADDRESS			SEC				SEC							
			MIN	0	15	30	45	MIN	0	15	30	45		
CITY <u>Mayport NAS</u> STATE <u>FLA</u> ZIP <u></u>			1	0	0	0	0	31	0	0	0	0		
			2	0	10	10	15	32	0	0	5	0		
			3	15	15	10	10	33	0	0	0	0		
			4	5	0	0	0	34	0	0	0	0		
PHONE <u></u> SOURCE ID NUMBER <u></u>			5	0	0	0	0	35	0	0	0	0		
PROCESS EQUIPMENT <u></u> OPERATING MODE <u></u>			6	0	0	0	0	36	0	0	0	0		
CONTROL EQUIPMENT <u></u> OPERATING MODE <u></u>			7	0	0	0	0	37	0	0	0	0		
DESCRIBE EMISSION POINT <u>Rectangular stack</u>			8	0	0	0	0	38	0	0	0	0		
START <u>STOP</u>			9	0	0	0	0	39	0	0	0	0		
HEIGHT ABOVE GROUND LEVEL <u>25'</u> STOP <u>25'</u>			10	0	0	0	0	40	0	0	0	0		
HEIGHT RELATIVE TO OBSERVER <u>25'</u> STOP <u>25'</u>			11	0	0	0	0	41	0	0	0	0		
DISTANCE FROM OBSERVER <u>75'</u> STOP <u>75'</u>			12	0	0	0	0	42	0	0	0	0		
DIRECTION FROM OBSERVER <u>N</u> STOP <u>N</u>			13	0	0	0	0	43	0	0	0	0		
DESCRIBE EMISSIONS <u>Grey billow smoke</u>			14	0	0	0	0	44	0	0	0	0		
START <u>STOP</u>			15	0	0	0	0	45	0	0	0	0		
EMISSION COLOR <u>Grey</u> STOP <u>Grey</u>			16	0	0	0	0	46	0	0	0	0		
PLUME TYPE: CONTINUOUS <input type="checkbox"/>			17	0	0	0	0	47	0	0	0	0		
FUGITIVE <input type="checkbox"/> INTERMITTENT <input checked="" type="checkbox"/>			18	0	0	0	0	48	5	5	5	10		
WATER DROPLETS PRESENT <u>NO</u> YES <input type="checkbox"/>			19	5	5	10	5	49	10	10	10	10		
IF WATER DROPLET PLUME <u>NA</u>			20	0	20	20	15	50	5	0	5	10		
ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>			21	15	10	5	5	51	10	10	10	15		
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED			22	5	0	0	0	52	15	15	15	15		
START <u>stack exit</u> STOP <u>stack exit</u>			23	0	0	0	0	53	15	15	20	15		
DESCRIBE BACKGROUND			24	0	0	0	0	54	10	10	10	10		
START <u>Blue/white</u> STOP <u>Blue/white</u>			25	0	5	20	15	55	15	15	15	15		
BACKGROUND COLOR <u>Blue/white</u>			26	15	15	15	15	56	15	15	15	15		
SKY CONDITIONS <u>ptly cldy STOP clearing</u>			27	15	15	15	15	57	15	15	15	10		
WIND SPEED <u>3-5</u> STOP <u></u>			28	5	10	5	5	58	10	10	5	10		
WIND DIRECTION <u>NW</u> STOP <u>NW</u>			29	5	0	0	0	59	10	10	5	5		
AMBIENT TEMP <u>65°F</u> STOP <u>70°F</u>			30	0	0	0	0	60	5	5	5	0		
WET BULB TEMP <u></u> RH percent <u></u>														
AVERAGE OPACITY FOR HIGHEST PERIOD <u>14.1</u>			NUMBER OF READINGS ABOVE 20 % WERE <u>0</u>											
RANGE OF OPACITY READINGS														
MINIMUM <u>0</u> MAXIMUM <u>20</u>														
OBSERVER'S NAME (PRINT) <u>Richard Moriarty</u>														
OBSERVER'S SIGNATURE <u>Richard Moriarty</u>			DATE <u>3/28/90</u>											
ORGANIZATION <u>Enviroport, Inc</u>														
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS			CERTIFIED BY <u>Eastern Technical Assoc</u> DATE <u>12/6/89</u>											
SIGNATURE <u></u>			VERIFIED BY <u></u> DATE <u></u>											
TITLE <u></u>														

[illegible]

Visible Emission Observation Form

SOURCE NAME				OBSERVATION DATE				START TIME				STOP TIME			
Fleet Training Commr				9/11/89				13:25				14:25			
ADDRESS				SEC				SEC							
Mayport				MIN				MIN							
NATURAL STATION				0				0				0			
CITY				15				15				15			
MAYPORT				30				30				30			
STATE				45				45				45			
FLA				0				0				0			
ZIP				0				0				0			
32228				0				0				0			
PHONE				0				0				0			
241-6730				0				0				0			
SOURCE ID NUMBER				0				0				0			
AL-10-143040				0				0				0			
PROCESS EQUIPMENT				0				0				0			
B-3 West stack				0				0				0			
OPERATING MODE				0				0				0			
120 CFM propane				0				0				0			
CONTROL EQUIPMENT				0				0				0			
OPERATING MODE				0				0				0			
DESCRIBE EMISSION POINT				0				0				0			
START Rectangular Stacktop				0				0				0			
HEIGHT ABOVE GROUND LEVEL				0				0				0			
START 25' STOP 25'				0				0				0			
HEIGHT RELATIVE TO OBSERVER				0				0				0			
START 25' STOP 25'				0				0				0			
DISTANCE FROM OBSERVER				0				0				0			
START 100' STOP 100'				0				0				0			
DIRECTION FROM OBSERVER				0				0				0			
START 100' STOP 100'				0				0				0			
DESCRIBE EMISSIONS				0				0				0			
START Lofting plume				0				0				0			
STOP				0				0				0			
EMISSION COLOR				0				0				0			
dry to white				0				0				0			
PLUME TYPE: CONTINUOUS <input checked="" type="checkbox"/>				0				0				0			
START				0				0				0			
STOP				0				0				0			
FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>				0				0				0			
WATER DROPLETS PRESENT: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				0				0				0			
IF WATER DROPLET PLUME: <input checked="" type="checkbox"/>				0				0				0			
ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>				0				0				0			
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED				0				0				0			
START Stack Exit STOP Stack Exit				0				0				0			
DESCRIBE BACKGROUND				0				0				0			
START Blue sky STOP Blue sky				0				0				0			
BACKGROUND COLOR				0				0				0			
START Blue STOP Blue				0				0				0			
SKY CONDITIONS				0				0				0			
START Blue STOP Blue				0				0				0			
WIND SPEED				0				0				0			
START 4.7 STOP 4.7				0				0				0			
WIND DIRECTION				0				0				0			
START ESE STOP ESE				0				0				0			
AMBIENT TEMP				0				0				0			
START 85° STOP 85°				0				0				0			
WET BULB TEMP				0				0				0			
RH, percent				0				0				0			
Source Layout Sketch				0				0				0			
Draw North Arrow				0				0				0			
Emission Point				0				0				0			
Observers Position				0				0				0			
Sun Location Line				0				0				0			
Sun -> Wind ->				0				0				0			
Plume and Stack				0				0				0			
AVERAGE OPACITY FOR HIGHEST PERIOD				0				0				0			
10.6				0				0				0			
NUMBER OF READINGS ABOVE				0				0				0			
20 % WERE 0				0				0				0			
RANGE OF OPACITY READINGS				0				0				0			
MINIMUM 0				0				0				0			
MAXIMUM 20				0				0				0			
OBSERVER'S NAME (PRINT)				0				0				0			
Richard M. Mearns				0				0				0			
OBSERVER'S SIGNATURE				0				0				0			
Richard Mearns				0				0				0			
DATE				0				0				0			
9/11/89				0				0				0			
ORGANIZATION				0				0				0			
Enviro-pact				0				0				0			
CERTIFIED BY				0				0				0			
Eastern Technical Assoc.				0				0				0			
DATE				0				0				0			
6/89				0				0				0			
VERIFIED BY				0				0				0			
DATE				0				0				0			
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS				0				0				0			
SIGNATURE				0				0				0			
Michael Mearns				0				0				0			
TITLE				0				0				0			
Env. Engr				0				0				0			
DATE				0				0				0			
11 Sept 89				0				0				0			

Visible Emission Observation Form

SOURCE NAME			OBSERVATION DATE				START TIME		STOP TIME					
Fleet Training Command			9/11/89				13:25		14:25					
ADDRESS			SEC				SEC		SEC					
Mayport			MIN				MIN		MIN					
NAVAL STATION			0 15 30 45				0 15 30 45		0 15 30 45					
CITY	STATE	ZIP												
MAYPORT	FLA	32228												
PHONE	SOURCE ID NUMBER													
241-6730	B-3 East Stack													
PROCESS EQUIPMENT		OPERATING MODE												
B-3 East Stack		120 CFM propane												
CONTROL EQUIPMENT		OPERATING MODE												
DESCRIBE EMISSION POINT														
START Rectangular Stack STOP														
HEIGHT ABOVE GROUND LEVEL			HEIGHT RELATIVE TO OBSERVER											
START 25' STOP			START 25' STOP											
DISTANCE FROM OBSERVER			DIRECTION FROM OBSERVER											
START 100' STOP			START NW STOP											
DESCRIBE EMISSIONS														
START Lifting Plume STOP														
EMISSION COLOR			PLUME TYPE: CONTINUOUS <input checked="" type="checkbox"/>											
START Gray to white STOP			FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>											
WATER DROPLETS PRESENT:			IF WATER DROPLET PLUME <input checked="" type="checkbox"/>											
NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>											
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED														
START Stack Exit STOP														
DESCRIBE BACKGROUND														
START Blue Sky STOP														
BACKGROUND COLOR		SKY CONDITIONS												
START Blue STOP		START Partly Cloudy STOP												
WIND SPEED		WIND DIRECTION												
START 4-7 STOP		START ESE STOP												
AMBIENT TEMP.		WET BULB TEMP.		RH, percent										
START 85 STOP														
<p>Source Layout Sketch</p>			24	5	5	5	10	54	0	0	0	0		
			25	5	0	10	10	55	0	0	0	0		
			26	10	10	5	0	56	0	0	0	0		
			27	0	0	0	0	57	0	0	0	0		
			28	0	0	0	0	58	0	0	0	0		
			29	0	0	0	0	59	0	0	0	0		
			30	0	0	0	0	60	0	0	0	0		
			AVERAGE OPACITY FOR HIGHEST PERIOD						NUMBER OF READINGS ABOVE					
			10.8						20 % WERE 0					
			RANGE OF OPACITY READINGS											
MINIMUM 0						MAXIMUM 20								
OBSERVER'S NAME (PRINT)														
Richard Moriarty														
OBSERVER'S SIGNATURE						DATE								
Richard Moriarty						9/11/89								
ORGANIZATION														
ENV Impact														
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS						CERTIFIED BY								
SIGNATURE						DATE								
Michael Oyster						6/89								
TITLE						DATE								
Env Eng.						11 Sept 89								

Visible Emission Observation Form

SOURCE NAME			OBSERVATION DATE				START TIME		STOP TIME					
Fleet TRAINING Command			9/11/89				12:11		13:11					
ADDRESS			SEC	0	15	30	45	SEC	0	15	30	45		
Mayport			MIN					MIN						
NAVAL STATION			1	0	0	0	0	31	0	0	5	5		
CITY	STATE	ZIP	2	0	0	0	0	32	5	10	15	20		
MAYPORT	FLA	32229	3	0	0	0	0	33	15	15	15	15		
PHONE	SOURCE ID NUMBER		4	0	0	0	0	34	15	10	0	0		
241-6730	B-4 West Stack		5	0	0	0	0	35	0	0	0	0		
PROCESS EQUIPMENT	OPERATING MODE		6	0	0	0	0	36	0	0	0	5		
B-4 West Stack	120 CFM prop		7	0	0	0	0	37	5	10	15	15		
CONTROL EQUIPMENT	OPERATING MODE		8	5	5	5	5	38	15	15	20	20		
DESCRIBE EMISSION POINT			9	15	15	15	15	39	20	20	5	5		
START Rectangular Vent			10	10	5	5	0	40	0	0	0	0		
HEIGHT ABOVE GROUND LEVEL	HEIGHT RELATIVE TO OBSERVER		11	5	5	0	0	41	0	0	0	0		
START 25' STOP 25'	START 25' STOP		12	0	0	0	5	42	0	0	0	0		
DISTANCE FROM OBSERVER	DIRECTION FROM OBSERVER		13	5	10	15	15	43	0	0	0	0		
START 125' STOP 125'	START NW STOP NW		14	15	20	20	20	44	0	0	0	0		
DESCRIBE EMISSIONS			15	25	15	10	0	45	0	0	0	0		
START			16	0	0	0	0	46	0	0	0	0		
EMISSION COLOR			17	5	10	10	15	47	0	0	0	0		
START	PLUME TYPE: CONTINUOUS <input checked="" type="checkbox"/>		18	20	20	25	25	48	0	0	0	0		
STOP	FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>		19	25	25	20	10	49	0	5	5	5		
WATER DROPLETS PRESENT:	IF WATER DROPLET PLUME		20	5	0	0	0	50	0	0	0	0		
NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>		21	0	0	0	5	51	0	0	0	0		
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED			22	5	10	10	15	52	0	0	0	0		
START Stack exit STOP Stack exit			23	20	20	15	15	53	0	0	0	0		
DESCRIBE BACKGROUND			24	10	10	5	5	54	0	0	0	0		
START Sky - pty clud STOP pty cloudy	SKY CONDITIONS		25	0	0	0	0	55	0	0	0	0		
BACKGROUND COLOR	START		26	0	0	5	5	56	0	0	0	0		
START Blue STOP Blue	STOP		27	15	15	20	15	57	0	0	0	0		
WIND SPEED	WIND DIRECTION		28	15	15	15	15	58	0	0	0	0		
START 4-7 STOP 4-7	START SE STOP SE		29	10	0	0	0	59	0	0	0	0		
AMBIENT TEMP	WET BULB TEMP	RH. percent	30	0	0	0	0	60	0	0	0	0		
START 80° STOP 83°			Source Layout Sketch			Draw North Arrow			AVERAGE OPACITY FOR HIGHEST PERIOD			NUMBER OF READINGS ABOVE		
						13.9			20 % WERE 5					
RANGE OF OPACITY READINGS			MINIMUM 0			MAXIMUM 25								
OBSERVER'S NAME (PRINT)			Richard Moriarty											
OBSERVER'S SIGNATURE			Richard Moriarty											
DATE			9/11/89											
ORGANIZATION			Envirofact											
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS			CERTIFIED BY			DATE								
SIGNATURE			Eastern Technical Assoc.			6/89								
TITLE			DATE			DATE								
Env. Engr.			11 Sept 89											

BEST AVAILABLE COPY

Visible Emission Observation Form

SOURCE NAME Fleet Training Center				OBSERVATION DATE 9-12-89				START TIME 9:34				STOP TIME 10:34			
ADDRESS WALTON ROAD				SEC MIN				SEC MIN				SEC MIN			
CITY Mayport				0 15 30 45				0 15 30 45				0 15 30 45			
PHONE 241-6730				1 15 15 15 15				31 15 15 20 15				32 15 10 10 10			
CITY MAYPORT				2 15 15 20 20				32 15 10 10 10				33 15 15 15 15			
STATE Fla.				3 20 20 20 15				33 15 15 15 15				34 15 15 0 0			
ZIP 32228				4 15 15 20 20				34 15 15 0 0				35 0 0 5 0			
SOURCE ID NUMBER HC-16-143040				5 15 10 10 5				35 0 0 5 0				36 0 0 0 0			
PROCESS EQUIPMENT B-1 Southstack				6 10 10 15 15				36 0 0 0 0				37 0 0 0 0			
OPERATING MODE 175 cu ft/min				7 20 20 15 15				37 0 0 0 0				38 0 0 0 0			
CONTROL EQUIPMENT				8 15 20 20 20				38 0 0 0 0				39 0 0 0 0			
OPERATING MODE				9 15 15 15 15				39 0 0 0 0				40 0 0 0 0			
DESCRIBE EMISSION POINT Rectangular stack				10 15 15 15 15				40 0 0 0 0				41 0 0 0 0			
START Rectangular stack STOP "				11 15 20 15 15				41 0 0 0 0				42 0 0 0 0			
HEIGHT ABOVE GROUND LEVEL 15'				12 15 15 15 10				42 0 0 0 0				43 0 0 0 0			
HEIGHT RELATIVE TO OBSERVER 15'				13 15 15 15 15				43 0 0 0 0				44 0 0 0 0			
DISTANCE FROM OBSERVER 60'				14 15 10 15 15				44 0 0 0 0				45 0 0 0 0			
DIRECTION FROM OBSERVER 11W				15 15 15 15 15				45 0 0 0 0				46 0 0 0 0			
DESCRIBE EMISSIONS Lofting plume				16 15 10 10 10				46 0 0 0 0				47 0 0 0 0			
START Lofting plume STOP "				17 15 15 15 15				47 0 0 0 0				48 0 0 0 0			
EMISSION COLOR Grey				18 15 10 10 15				48 0 0 0 0				49 0 0 0 0			
PLUME TYPE CONTINUOUS <input checked="" type="checkbox"/> FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>				19 15 10 10 10				49 0 0 0 0				50 0 0 0 0			
WATER DROPLETS PRESENT NO				20 10 10 10 10				50 0 0 0 0				51 0 0 0 0			
IF WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>				21 15 15 10 15				51 0 0 0 0				52 0 0 0 0			
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED Stack exit				22 15 15 15 10				52 0 0 0 0				53 0 0 0 0			
START Stack exit STOP "				23 10 0 0 0				53 0 0 0 0				54 0 0 0 0			
DESCRIBE BACKGROUND Clear sky				24 0 0 0 0				54 0 0 0 0				55 0 0 0 0			
START Clear sky STOP partly cloudy				25 0 0 0 0				55 0 0 0 0				56 0 0 0 0			
BACKGROUND COLOR Blue				26 0 0 0 0				56 0 0 0 0				57 0 0 0 0			
SKY CONDITIONS partly cloudy				27 0 0 0 0				57 0 0 0 0				58 0 0 0 0			
WIND SPEED 0-4				28 0 0 0 0				58 0 0 0 0				59 0 0 0 0			
WIND DIRECTION SE				29 0 10 15 15				59 0 0 0 0				60 20 20 20 25			
AMBIENT TEMP 78°F				30 20 20 20 25				60 0 0 0 0							
WET BULB TEMP															
RH, percent															
<p>Source Layout Sketch</p> <p>Draw North Arrow</p> <p>Emission Point</p> <p>Observers Position</p> <p>Sun -> Wind -></p> <p>Plume and Stack</p> <p>140°</p> <p>Sun Location Line</p>				AVERAGE OPACITY FOR HIGHEST PERIOD 16.2				NUMBER OF READINGS ABOVE 25 % WERE 0							
				RANGE OF OPACITY READINGS MINIMUM 0 MAXIMUM 25											
				OBSERVER'S NAME (PRINT) Robert E. Meyer, Jr.											
				OBSERVER'S SIGNATURE <i>Robert E. Meyer, Jr.</i>				DATE 9-12-89							
ORGANIZATION EnviroSpec															
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE <i>Michael Drumpf</i>				CERTIFIED BY <i>Eastern Technical Ass.</i>				DATE 6/89							
TITLE Env. Engr.				DATE 9/12/89				DATE							

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Visible Emission Observation Form

SOURCE NAME Fleet Training Center				OBSERVATION DATE 9-12-89				START TIME 830				STOP TIME 930			
ADDRESS NAVAL STATION				SEC MIN				SEC MIN							
CITY Mayport				STATE FL				ZIP 32228							
PHONE 241-6730				SOURCE ID NUMBER HC-16-143040											
PROCESS EQUIPMENT B-2 Stack south				OPERATING MODE 115 cu. ft./Min											
CONTROL EQUIPMENT				OPERATING MODE											
DESCRIBE EMISSION POINT Rectangular stack															
HEIGHT ABOVE GROUND LEVEL START 15' STOP 11'				HEIGHT RELATIVE TO OBSERVER START 15' STOP 11'											
DISTANCE FROM OBSERVER START 75' STOP				DIRECTION FROM OBSERVER START NW STOP 11'											
DESCRIBE EMISSIONS START Letting plume STOP 11'															
EMISSION COLOR START White STOP 11'				PLUME TYPE: CONTINUOUS <input checked="" type="checkbox"/> FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>											
WATER DROPLETS PRESENT: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				IF WATER DROPLET PLUME: ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>											
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START Stack exit STOP 11'															
DESCRIBE BACKGROUND START partly cloudy STOP clear															
BACKGROUND COLOR START Dark STOP Blue				SKY CONDITIONS START Cloudy STOP clear											
WIND SPEED START 0-4 STOP 11'				WIND DIRECTION START SE STOP 11'											
AMBIENT TEMP START 75°F STOP 78°F				WET BULB TEMP				Rel. percent							
<p>Source Layout Sketch</p>				24				25				26			
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Visible Emission Observation Form

SOURCE NAME Fleet Training Center				OBSERVATION DATE 9-12-89				START TIME 830				STOP TIME 930			
ADDRESS NAVAL STATION				SEC MIN				SEC MIN							
CITY Mayport				STATE Fla				ZIP 32228							
PHONE 241-6730				SOURCE ID NUMBER HC-16-143040											
PROCESS EQUIPMENT B-2 Northstar				OPERATING MODE Propane 115 cu ft/min											
CONTROL EQUIPMENT				OPERATING MODE											
DESCRIBE EMISSION POINT Rectangular stack															
HEIGHT ABOVE GROUND LEVEL START 15' STOP 11'				HEIGHT RELATIVE TO OBSERVER START 15' STOP 11'											
DISTANCE FROM OBSERVER START 75' STOP 11'				DIRECTION FROM OBSERVER START NW STOP 11'											
DESCRIBE EMISSIONS START lifting plume STOP 11'															
EMISSION COLOR START white STOP 11'				PLUME TYPE: CONTINUOUS <input checked="" type="checkbox"/> FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>											
WATER DROPLETS PRESENT: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				IF WATER DROPLET PLUME: ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>											
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START Stack exit STOP 11'															
DESCRIBE BACKGROUND START partly cloudy STOP clear															
BACKGROUND COLOR START grey STOP blue				SKY CONDITIONS START cloudy STOP clear											
WIND SPEED START 0-4 STOP 11'				WIND DIRECTION START SE STOP 11'											
AMBIENT TEMP START 75°F STOP 78°F				WET BULB TEMP				RH, percent							
<div style="text-align: center;"> <p>Source Layout Sketch</p> </div>				24				25				26			
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AVERAGE OPACITY FOR HIGHEST PERIOD 3.6		NUMBER OF READINGS ABOVE 5 % WERE 0	
RANGE OF OPACITY READINGS 0 MINIMUM 5 MAXIMUM			
OBSERVER'S NAME (PRINT) Robert E. Meyer, Jr.			
OBSERVER'S SIGNATURE <i>Robert E. Meyer</i>		DATE 9-12-89	
ORGANIZATION Envirophat			
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE Michael Davenport		DATE 9/12/89	
TITLE Env. Engr.		DATE 9/12/89	
CERTIFIED BY Eastern Technical Ass.		DATE 6/89	
VERIFIED BY		DATE	

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. ☐ Restricted Delivery
 ↑(Extra charge)↑

3. Article Addressed to:

Commander A. Corsano, USN
 Public Works Officer
 Mayport Naval Station
 Baltimore Street
 Mayport, FL 32228

4. Article Number
 P 274 010 497

Type of Service:
☒ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail

Always obtain signature of addressee or agent and **DATE DELIVERED**.

5. Signature — Addressee
 X

6. Signature — Agent
 X *EE Smith*

7. Date of Delivery
 4/25/88

8. Addressee's Address (ONLY if requested and fee paid)

PS Form 3811, Mar. 1987

★ U.S.G.P.O. 1987-78-268

DOMESTIC RETURN RECEIPT

P 274 010 497

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1985-480-794

Post to
 Commander A. Corsano, USN
 Mayport Naval Station
 Baltimore Street
 P.O., State and ZIP Code
 Mayport, FL 32228

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Certified Fee

Special Delivery Fee

Restricted Delivery Fee

Return Receipt showing to whom and Date Delivered

Return Receipt showing to whom, Date, and Address of Delivery

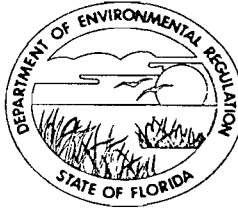
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 Permit: AC 16-143040

PS Form 3800, June 1985

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400



BOB MARTINEZ
GOVERNOR
DALE TWACHTMANN
SECRETARY

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
NOTICE OF PERMIT

Comander A. Corsano, USN
Public Works Officer
Mayport Naval Station
Baltimore Street
Mayport, FL 32228

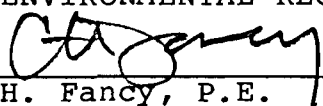
April 22, 1988

Enclosed is permit No. AC 16-143040, for the Department of Navy to construct a fire fighting training facility at the Naval Station located on Baltimore Street, in Mayport, Duval County, Florida. This permit is issued pursuant to Section 403, Florida Statutes.

Any Party to this permit has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this permit is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION


C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality Management

Copy furnished to:

G. Goldston, P.E.
W. Stewart, NE Dist.
J. Woosley, BESD

Final Determination

Naval Station
Mayport, Florida
Duval County

Fire Fighting Training Facility

Permit Number:
AC 16-143040

Florida Department of Environmental Regulation
Bureau of Air Quality Management
Central Air Permitting

April 21, 1988

Final Determination

The Technical Evaluation and Preliminary Determination on reissuance of the permit to construct (AC 16-143040) a fire fighting training facility at the Naval Station located on Baltimore Street in Mayport, Duval County, Florida was distributed on January 19, 1988. Copies of the evaluation were available for public inspection at Duval County's Bio-Environmental Service offices in Jacksonville and the Department's offices in Jacksonville and Tallahassee. The Notice of Proposed Agency Action for this permit was published in The Florida Times Union on February 26, 1988.

No comment were submitted on the Department's intent to issue the permit. The final action of the Department will be to reissue the permit to construct as proposed in the Technical Evaluation and Preliminary Determination.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400



BOB MARTINEZ
GOVERNOR
DALE TWACHTMANN
SECRETARY

PERMITTEE:
Mayport Naval Station
Mayport, Florida 32228

Permit Number: AC 16-143040
Expiration Date: June 1, 1990
County: Duval
Latitude/Longitude: 30° 23' 34" N
81° 23' 54" W
Project: Fire Fighting Training
Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

For the construction of a fire fighting training facility to include shipboard fire simulator structure, propane/triarylphosphate smoke simulator equipment, and sodium bicarbonate (PKP)/Ultrawet K (AFFF) fire extinguisher systems. Fans will be used to ventilate the shipboard fire simulator structure. The UTM coordinates of the site are Zone 17, 461.7 km East and 3362.2 km North.

Construction shall be in accordance with the permit application and plan, documents, amendments, and drawings submitted, except as noted in the Preliminary Determination or the Specific Conditions.

Attachments are as follows:

1. Application

PERMITTEE:
Mayport Naval Station

Permit Number: AC 16-143040
Expiration Date: June 1, 1990

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

PERMITTEE:
Mayport Naval Station

Permit Number: AC 16-143040
Expiration Date: June 1, 1990

GENERAL CONDITIONS:

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:
Mayport Naval Station

Permit Number: AC 16-143040
Expiration Date: June 1, 1990

GENERAL CONDITIONS:

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the Department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the Department, during the course of any unresolved enforcement action.

PERMITTEE:
Mayport Naval Station

Permit Number: AC 16-143040
Expiration Date: June 1, 1990

GENERAL CONDITIONS:

- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by Department rule.
- c. Records of monitoring information shall include:
- the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. The fire fighting training facility operation is limited to daylight hours only, unless prior approval is obtained from the Bio-Environmental Services Division.

2. The 24-hour concentration of any chemicals used to simulate smoke, at ground level outside the fire fighting training facility, shall not exceed two percent (2%) of the threshold limit values published by the American Conference of Governmental Industrial Hygienists. Tests will be by methods acceptable to the Department when there are reasons to believe this specific condition is being violated.

PERMITTEE:
Mayport Naval Station

Permit Number: AC 16-143040
Expiration Date: June 1, 1990

SPECIFIC CONDITIONS:

3. Visible emissions from the facility as determined by EPA Method 9, which is described in 40 CFR 60, Appendix A, shall not exceed 20 percent opacity, six (6) minute average, after the moisture in the exhaust gases has dissipated. To assure the moisture has dissipated, the visible emission readings of the exhaust gases will be taken when the gas is 50 feet from the facility. These readings shall be used to determine the compliance status of the source.

4. Operation of the facility shall cease anytime the exhaust gases obstruct visibility on roads to less than 500 feet.

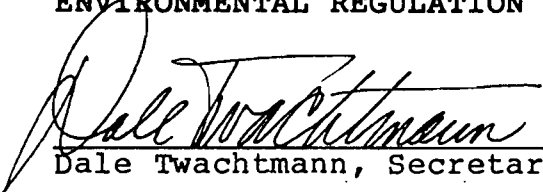
5. No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor or other conditions to such a degree as to cause a nuisance.

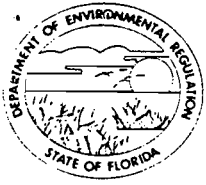
6. The permittee shall submit a complete application for a permit to operate the fire fighting training facility, which must include a visible emissions test report, to the Bio-Environmental Service Division at least 60 days after placing any section in operation or 90 days prior to the expiration date of this construction permit, whichever date occurs first. The permittee may continue to operate this facility, if it is in compliance with the conditions in this permit, until the expiration date of this construction permit.

7. Upon obtaining a permit to operate, the permittee will be required to submit annual operation reports which shall include, as a minimum, the type and amount of chemicals used at the facility during the preceding calendar year.

Issued this 20 day of April, 19 88

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL REGULATION


Dale Twachtmann, Secretary



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: <i>Clair</i>	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

Interoffice Memorandum

RECEIVED

APR 21 1988

TO: Dale Twachtmann
FROM: Howard L. Rhodes *[Signature]*
SUBJ: Approval of a Permit to Construct for the Mayport
Naval Station
State Construction Permit Number: AC 16-143040
DATE: April 21, 1988

DER - BAQM

Attached for your approval and signature is a permit prepared by Central Air Permitting for the above mentioned company to construct a fire fighting training facility at the Mayport Naval Station facility. The facility is located in Mayport, Duval, County, Florida. No Comments were received during the public notice period.

Day 90, after which this permit will be issued by default is June 6, 1988.

I recommend your approval and signature.

HLR/aqm/wh
attachments

RECEIVED

APR 21 1988

DER - BAQM

RECEIVED

APR 20 1988

Office of the Secretary



DEPARTMENT OF THE NAVY

NAVAL STATION
MAYPORT, FLORIDA 32228-5000

IN REPLY REFER TO:

RECEIVED

5090

Ser N422/001167

APR 8 1988

6 APR 1988

Mr. Clair Fancy
Florida Department of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DER-BAQM

Subj: Legal Advertisement

Dear Sirs:

As required, enclosure (1) is forwarded for the Fire Fighting Training Facility Permit.

Should you have any questions, please contact Mr. Mike Davenport at (904) 246-5268/5531.

Sincerely,

A. CORSANO
Commander, U.S. Navy
Public Works Officer
By direction of
the Commanding Officer

Encl:

(1) Florida Publishing Company
Notice of Intent

Copied: Willard Hanks
Bill Stewart
Khurshid Mehta } 4-12-88 (m)

PM
4.6.88
Mayport, FL

File Copy

The Florida Times-Union



Jacksonville Journal

FLORIDA PUBLISHING COMPANY

Publishers

JACKSONVILLE, DUVAL COUNTY, FLORIDA

STATE OF FLORIDA }
COUNTY OF DUVAL }Before the undersigned authority personally appeared Bill Champion

who on oath says that he is

Retail Advertising Supervisor of The Florida Times-Union, and

Jacksonville Journal, daily newspapers published at Jacksonville in Duval County,

Florida; that the attached copy of advertisement, being a _____

Legal Notice

in the matter of Notice of Intent

in the _____ Court,

was published in The Florida Times Unionin the issues of February 26, 1988

Affiant further says that the said The Florida Times-Union and Jacksonville Journal are each newspapers published at Jacksonville, in said Duval County, Florida, and that the said newspapers have each heretofore been continuously published in said Duval County, Florida, The Florida Times-Union each day, and Jacksonville Journal each day except Sundays, and each has been entered as second class mail matter at the postoffice in Jacksonville, in said Duval County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in said newspaper.

Sworn to and subscribed before me
this 26th day ofFebruary A.D. 19 88Oliver Bush
Notary Public,
State of Florida at Large.

My Commission Expires

DA 444

NOTARY PUBLIC, STATE OF FLORIDA
My commission expires Feb. 19, 1989

RECEIVED

APR 8 1988

DER - BAQM

State of Florida
Department of Environmental Regulation
Notice of Intent

The Department gives notice of its intent to issue a permit to the Department of Navy for the construction of a fire fighting training facility at the Naval Station in Mayport, Duval County, Florida. A determination of Best Available Control Technology was not required.

Persons whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative determination (hearing) in accordance with Section 120.57, Florida Statutes. The petition must conform to the requirements of Chapters 17-103 and 28-5, Florida Administrative Code, and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Failure to file a petition within this time period constitutes a waiver of any right such person has to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the proposed agency action. Therefore, persons who may not wish to file a petition may wish to intervene in the proceeding. A petition for intervention must be filed pursuant to Rule 28-5.207, Florida Administrative Code, at least five (5) days before the final hearing and be filed with the hearing officer if one has been assigned at the Division of Administrative Hearings, Department of Administration, 2009 Apalachee Parkway, Tallahassee, Florida 32301. If no hearing officer has been assigned, the petition is to be filed with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Failure to petition to intervene within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Bio-Environmental Services
515 West 6th Street
Jacksonville, Florida 32206-4397
Department of Environmental Regulation
3426 Bills Road
Jacksonville, Florida 32207
Department of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the department's final determination.

ENCLOSURE (1)

DEPARTMENT OF THE NAVY

COMMANDING OFFICER
NAVAL STATION
MAYPORT FL 32228-0265



POSTAGE AND FEES PAID
DEPARTMENT OF THE NAVY

DOD-316

MR. CLAIR FANCY
FLORIDA DEPT ENVIRONMENTAL REGULATION
BUREAU OF AIR QUALITY MANAGEMENT
TALLAHASSEE FL 32399-2400

PS Form 3811, July 1983 447-845

DOMESTIC RETURN RECEIPT

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

1. ☒ Show to whom, date and address of delivery.

2. ☐ Restricted Delivery.

3. Article Addressed to: Commander A. Corsano, USN
Public Works Officer
Mayport Naval Station
Baltimore Street
Mayport, FL 32228

4. Type of Service:	Article Number
<input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail	P 274 010 473
<input type="checkbox"/> Insured <input type="checkbox"/> COD	

Always obtain signature of addressee or agent and **DATE DELIVERED.**

5. Signature - Addressee
X

6. Signature - Agent
X *EE Smith*

7. Date of Delivery
1/24/88

8. Addressee's Address (ONLY if requested and fee paid)

P 274 010 473

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

★ U.S.G.P.O. 1985-480-794

PS Form 3800, June 1985

Commander A. Corsano, USN	
Mayport Naval Station	
Baltimore Street	
P.O., State and ZIP Code Mayport, FL 32228	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	
Mailed: 01/19/88	
Permit: AC 16-143040	

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400



BOB MARTINEZ
GOVERNOR
DALE TWACHTMANN
SECRETARY

January 19, 1988

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Commander A. Corsano, USN
Public Works Officer
Mayport Naval Station
Baltimore Street
Mayport, Florida 32228

Dear Commander Corsano:

Attached is one copy of the Technical Evaluation and Preliminary Determination, and proposed permit to construct a training facility at the Naval Station in Mayport, Duval County, Florida.

Before final action can be taken on your draft permit, you are required by Florida Administrative Code Rule 17-103.150 to publish the attached Notice of Proposed Agency Action in the legal advertising section of a newspaper of general circulation in Duval County no later than fourteen days after receipt of this letter. The Department must be provided with proof of publication within seven days of the date the notice is published. Failure to publish the notice may be grounds for denial of the permit.

Please submit, in writing, any comments which you wish to have considered concerning the Department's proposed action to Mr. Bill Thomas of the Bureau of Air Quality Management.

Sincerely,

C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality
Management

CHF/WH/ks

attachments

cc: G. Goldston
W. Stewart
J. Woosley

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of
Application for Permit by:

Mayport Naval Station
Baltimore Street
Mayport, Florida 32228

DER File No. AC 16-143040

INTENT TO ISSUE

The Department of Environmental Regulation hereby gives notice of its Intent to Issue a permit (copy attached) for the proposed project as detailed in the application specified above (copy attached). The Department is issuing this Intent to Issue for the reasons in the attached Technical Evaluation and Preliminary Determination.

The applicant, the Department of Navy, applied December 8, 1987, to the Department of Environmental Regulation for a permit to construct a fire fighting training facility at the Naval Station on Baltimore Street in Mayport, Duval County, Florida.

The Department has permitting jurisdiction under Chapter 403, Florida Statutes and Florida Administrative Code Rules 17-2 and 17-4. The project is not exempt from permitting procedures. The Department has determined that an air construction permit was needed for the proposed work.

Pursuant to Section 403.815, F.S. and DER Rule 17-103.150, FAC, you (the applicant) are required to publish at your own expense the enclosed Notice of Proposed Agency Action on permit application. The notice must be published one time only in a section of a major local newspaper of general circulation in the county in which the project is located and within thirty (30) days from receipt of this intent. Proof of publication must be provided to the Department within seven days of publication of the notice. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

The Department will issue the permit with the attached conditions unless a petition for an administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, Florida Statutes. A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. Petitions must comply with the requirement of Florida Administrative Code Rules 17-103.155 and 28-5.201 (copies enclosed) and be filed with (received by) the Office of General Counsel of the Department at 2600 Blair Stone

Road, Tallahassee, Florida 32399-2400. Petitions filed by the permit applicant must be filed within fourteen (14) days of receipt of this intent. Petitions filed by other persons must be filed within fourteen (14) days of publication of the public notice or within fourteen (14) days of receipt of this intent, whichever first occurs. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes, concerning the subject permit application. Petitions which are not filed in accordance with the above provisions will be dismissed.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



C. H. Fancy, P.E.

Deputy Chief

Bureau of Air Quality Management

Copies furnished to:

J. Woosley, BESD
W. Stewart, NE District
G. Goldston, P.E.

RULES OF THE ADMINISTRATIVE COMMISSION
MODEL RULES OF PROCEDURE
CHAPTER 28-5
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed, typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
 - (a) The name and address of each agency affected and each agency's file or identification number, if known;
 - (b) The name and address of the petitioner or petitioners;
 - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
 - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
 - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
 - (f) A demand for the relief to which the petitioner deems himself entitled; and
 - (g) Such other information which the petitioner contends is material.

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF INTENT TO ISSUE and all copies were mailed before the close of business on 1-19-88.

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to
§120.52(9), Florida Statutes, with
the designated Department Clerk,
receipt of which is hereby
acknowledged.

Martha Wise
Clerk

1-19-88
Date

State of Florida
Department of Environmental Regulation
Notice of Intent

The Department gives notice of its intent to issue a permit to the Department of Navy for the construction of a fire fighting training facility at the Naval Station in Mayport, Duval County, Florida. A determination of Best Available Control Technology was not required.

Persons whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative determination (hearing) in accordance with Section 120.57, Florida Statutes. The petition must conform to the requirements of Chapters 17-103 and 28-5, Florida Administrative Code, and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Failure to file a petition within this time period constitutes a waiver of any right such person has to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the proposed agency action. Therefore, persons who may not wish to file a petition may wish to intervene in the proceeding. A petition for intervention must be filed pursuant to Rule 28-5.207, Florida Administrative Code, at least five (5) days before the final hearing and be filed with the hearing officer if one has been assigned at the Division of Administrative Hearings, Department of Administration, 2009, Apalachee Parkway, Tallahassee, Florida 32301. If no hearing officer has been assigned, the petition is to be filed with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Failure to petition to intervene within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Bio-Environmental Services
515 West 6th Street
Jacksonville, Florida 32206-4397

Department of Environmental Regulation
3426 Bills Road
Jacksonville, Florida 32207

Department of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the department's final determination.

Technical Evaluation
and
Preliminary Determination

Naval Station
Mayport, Florida
Duval County

Fire Fighting Training Facility

Permit Number:
AC 16-143040

Florida Department of Environmental Regulation
Bureau of Air Quality Management
Central Air Permitting

January 8, 1987

I. General Information

A. Applicant

Mayport Naval Station
Mayport, Florida 32228

B. Project and Location

The Mayport Navy Station, located at Baltimore Street in Mayport, Duval County, Florida, reapplied for a permit to construct and operate a fire fighting training facility (SIC 9224) that includes: a ship simulator structure; smoke simulation equipment; fire extinguisher systems; and an exhaust system. The application was complete on December 8, 1987. The UTM coordinates are Zone 17, 461.7 km East and 3362.2 km North.

The structure resembles the interior of a ship. The facility is designed to simulate oil spray, bilge, electrical, rag bale, deep fat fryer, and stack hood fires. These fires are simulated by adding triarylphosphate to propane fires. This chemical produces a fine aerosol that resembles smoke when it is placed on a fire. Powder (sodium bicarbonate) and foam (Ultrawet K) will be used to extinguish the fires. Fans exhaust the fumes from the structure. Fire fighting training will be conducted 8 hours per day, 4 days per week, and 48 weeks per year.

The proposed facility will replace the existing fire fighting training operation which uses open burning of fossil fuels in drums.

C. Emissions

Emissions from the facility will be the products of combustion of propane, the triarylphosphate used to simulate smoke, sodium bicarbonate, and other materials used to extinguish the fires. Although the mass emissions from the facility will be small (estimated to be a total of 2 lbs/hr and 1.6 TPY of all criteria pollutants), the fine aerosol combined with the water used to extinguish the fires will produce visible emissions in excess of 20 percent opacity near the facility.

The table below shows the estimated emissions from this source.

Pollutant	lb/hr	TPY
PM	0.109	0.084
CO	0.38	0.29
SO ₂	0.004	0.003
NO ₂	1.51	1.16
THC	0.033	0.025

II. Rule Applicability

The proposed project, construction of a fire fighting training facility, is subject to preconstruction review under the provisions of Chapter 403, FS, and Chapters 17-2, 17-4, and 17-5, FAC.

The proposed source will be located in an area designated nonattainment for ozone (17-2.410), in the area of influence of a particulate matter nonattainment area (17-2.410), unclassifiable for sulfur dioxide (17-2.430), and attainment for the other criteria pollutants (17-2.420).

As the proposed facility will only emit traces of any criteria pollutant, it is exempt from review under prevention of significant deterioration (PSD) regulations (17-2.500) and new source review for nonattainment areas (17-2.510). It will be permitted under Rule 17-2.520, Sources Not Subject to Prevention of Significant Deterioration or Nonattainment Requirements. Emissions standards shall be based on Rule 17-2.620, General Pollutant Emission Standards, and Chapter 17-5, FAC, Open Burning and Frost Protection Fires.

III. Technical Evaluation

Presently, the Navy conducts instruction and training of organized fire fighters by setting and extinguishing fossil fuel fires in drums. The emissions from these operations are the products of combustion of the fossil fuels mixed with the agents used to extinguish the fires.

To more realistically imitate fires on ships, the Navy proposes to construct a training facility that resembles certain sections of a ship. Ship fires will be simulated by adding triarylphosphate at a rate of 6.1 lbs/hr to propane fires (122 gals/hr). The fire will be extinguished with 64.5 lbs/hr of sodium bicarbonate or 860 lbs/hr of 3 percent Ultrawet K foam extinguisher. Wastewater generated will be sent to an existing sewage collection system.

Visible emissions in the immediate vicinity of the fires are exempt from Department regulations under Rule 17-2.509(4), FAC. After the moisture dissipates, the emissions will be required to comply with Rule 17-2.610, FAC, General Particulate Emission Limiting Standards, which limits visible emissions to 20 percent opacity. The Navy has estimated that the plume will travel 25 to 50 feet before the moisture is dissipated.

Additional information on the proposed facility is in the original Technical Evaluation and Preliminary Determination that

was distributed on January 22, 1985. Copies of this determination are in the files in the NE District and BESD offices.

V. Conclusion

Based on the information submitted by the Navy, the Department has concluded that a fire fighting training facility can be built and operated in compliance with the Department's air pollution control regulations. The Department proposes to issue a permit to construct the facility. The General and Specific Conditions listed in the proposed permit (attached) will assure compliance of this source with the air pollution control regulations.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400



BOB MARTINEZ
GOVERNOR
DALE TWACHTMANN
SECRETARY

PERMITTEE:
Mayport Naval Station
Mayport, Florida 32228

Permit Number: AC 16-143040
Expiration Date: June 1, 1990
County: Duval
Latitude/Longitude: 30° 23' 34" N
81° 23' 54" W
Project: Fire Fighting Training
Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

For the construction of a fire fighting training facility to include shipboard fire simulator structure, propane/triarylphosphate smoke simulator equipment, and sodium bicarbonate (PKP)/Ultrawet K (AFFF) fire extinguisher systems. Fans will be used to ventilate the shipboard fire simulator structure. The UTM coordinates of the site are Zone 17, 461.7 km East and 3362.2 km North.

Construction shall be in accordance with the permit application and plan, documents, amendments, and drawings submitted, except as noted in the Preliminary Determination or the Specific Conditions.

Attachments are as follows:

1. Application

PERMITTEE:
Mayport Naval Station

Permit Number: AC 16-143040
Expiration Date: June 1, 1990

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

PERMITTEE:
Mayport Naval Station

Permit Number: AC 16-143040
Expiration Date: June 1, 1990

GENERAL CONDITIONS:

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:
Mayport Naval Station

Permit Number: AC 16-143040
Expiration Date: June 1, 1990

GENERAL CONDITIONS:

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the Department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the Department, during the course of any unresolved enforcement action.

PERMITTEE:
Mayport Naval Station

Permit Number: AC 16-143040
Expiration Date: June 1, 1990

GENERAL CONDITIONS:

- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by Department rule.
- c. Records of monitoring information shall include:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. The fire fighting training facility operation is limited to daylight hours only, unless prior approval is obtained from the Bio-Environmental Services Division.

2. The 24-hour concentration of any chemicals used to simulate smoke, at ground level outside the fire fighting training facility, shall not exceed two percent (2%) of the threshold limit values published by the American Conference of Governmental Industrial Hygienists. Tests will be by methods acceptable to the Department when there are reasons to believe this specific condition is being violated.

PERMITTEE:
Mayport Naval Station

Permit Number: AC 16-143040
Expiration Date: June 1, 1990

SPECIFIC CONDITIONS:

3. Visible emissions from the facility as determined by EPA Method 9, which is described in 40 CFR 60, Appendix A, shall not exceed 20 percent opacity, six (6) minute average, after the moisture in the exhaust gases has dissipated. To assure the moisture has dissipated, the visible emission readings of the exhaust gases will be taken when the gas is 50 feet from the facility. These readings shall be used to determine the compliance status of the source.

4. Operation of the facility shall cease anytime the exhaust gases obstruct visibility on roads to less than 500 feet.

5. No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor or other conditions to such a degree as to cause a nuisance.

6. The permittee shall submit a complete application for a permit to operate the fire fighting training facility, which must include a visible emissions test report, to the Bio-Environmental Service Division at least 60 days after placing any section in operation or 90 days prior to the expiration date of this construction permit, whichever date occurs first. The permittee may continue to operate this facility, if it is in compliance with the conditions in this permit, until the expiration date of this construction permit.

7. Upon obtaining a permit to operate, the permittee will be required to submit annual operation reports which shall include, as a minimum, the type and amount of chemicals used at the facility during the preceding calendar year.

Issued this _____ day of _____, 19____

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL REGULATION

Dale Twachtman, Secretary

**ROUTING AND
TRANSMITTAL SLIP**

ACTION NO

ACTION DUE DATE

IN REPLY REFER TO:

5090

Ser N422/ 008462

8 DEC 1987

1. TO: (NAME, OFFICE, LOCATION)

Initial

Date

Mr. Khurshid Mehta - BESD

2.

Initial

Date

3.

Initial

Date

4.

Initial

Date

Fee for Renewal of
n Permit for Fire-
aining Facility,
on Mayport

REMARKS:

RE: Firefighting Training Facility for
the Naval Station located in
Mayport, FL (Duval County)Reapplying for construction permit as
original permit has expired.

INFORMATION

Review & Return

Review & File

Initial & Forward

r \$100.00 to cover the

DISPOSITION

Review & Respond

Prepare Response

For My Signature

For Your Signature

Let's Discuss

Set Up Meeting

Investigate & Report

Initial & Forward

Distribute

Concurrence

For Processing

Initial & Return

ing Division
e Commanding Officer

FROM:

C.H. FANCY

DATE

12-16-87

PHONE

(904) 488-1344

u.031

1987 DEC -8 AM 9:29

State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

IN REPLY REFER TO:

5090

Ser N422/

008462

8 DEC 1987

DISTRICT ROUTING SLIP

TO: Bill Stewart

DATE: 12-16-87

CC
TO:

	PENSACOLA	Northwest District	
	PANAMA CITY	Northwest District Branch Office	
	TALLAHASSEE	Northwest District Branch Office	
	TAMPA	Southwest District	
	ORLANDO	Central Florida District	
	MELBOURNE	Central Florida District Branch Office	
X	JACKSONVILLE	Northeast District	
	GAINESVILLE	Northeast District Branch Office	
	FORT MYERS	South Florida District	
	PUNTA GORDA	South Florida District Branch Office	
	MARATHON	South Florida District Branch Office	
	WEST PALM BEACH	Southeast Florida District	
	PORT ST. LUCIE	Southeast Florida District Branch Office	
Reply Optional <input type="checkbox"/> Reply Required <input type="checkbox"/> Info Only <input type="checkbox"/> Date Due: _____ Date Due: _____			

ee for Renewal of
Permit for Fire-
ning Facility,
Mayport

\$100.00 to cover the

ng Division
Commanding Officer

COMMENTS:

Reapplying for construction permit as original permit
has expired.

FROM:

C.H. FANCY

TEL:

(SC) 278-1344

1987 DEC -8 AM 9:29

OFFICE
OF THE
DEPT. OF ENVIRONMENTAL
REGULATION

031

BEST AVAILABLE COPY

PM
4 Dec. 1987
Mayport, FL

File Copy



DEPARTMENT OF THE NAVY

NAVAL STATION
MAYPORT, FLORIDA 32228-5000

IN REPLY REFER TO:

5090
Ser N422/ 008462

3 DEC 1987

Mr. C. H. Fancy, P. E.
Bureau of Air Quality
Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Subj: Application Fee for Renewal of
Construction Permit for Fire-
fighting Training Facility,
Naval Station Mayport

Dear Mr. Fancy:

As requested in your letter of July 30, 1987, a check for \$100.00 to cover the processing of the application is enclosed.

Sincerely,

J. S. VEAL
Director, Engineering Division
By direction of the Commanding Officer

Encl:

(1) Check for \$100.00

Copy to:

Mr. G. Benjock (Code 1143)
Southern Division
Naval Facilities Engineering Command
Charleston, SC 29411-0068

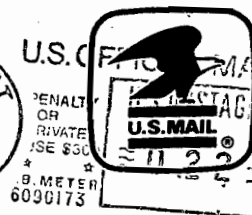
Copied: R. Mehta-BESD
Bill Stewart - NE Dis + } 12-16-87
CHF/BT

001031

RECEIVED
DER-MAIL ROOM
1987 DEC -8 AM 9 29

Commanding Officer
Attn: Code N42
P.O. Box 265
Naval Station
Mayport, Florida 32228-0265

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300



POSTAGE AND FEES PAID

MR C H FANCY PE
DEPARTMENT OF ENVIRONMENTAL-REGULATION
2600 BLAIR STONE ROAD
TALLAHASSEE FL 32399-2400

42



United States Treasury

BEST AVAILABLE COPY

NAVY

8378-70391382

Check No.

10 02 87 JACKSONVILLE, FLORIDA

Pay to
the order of

STATE OF FLORIDA DEPT OF ENVIROMENT
REGULATION
3426 BILLS RD
JACKSONVILLE FL 32207

TO:

008462

*****100.00*

*****100DOLLARS00CENTS

B. Keith
U.S.N. DISBURSING OFFICER

⑈83787⑈

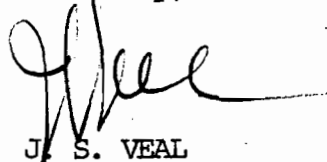
⑆000000518⑆ 703913826⑈

Fighting Training Facility,
Naval Station Mayport

Dear Mr. Fancy:

As requested in your letter of July 30, 1987, a check for \$100.00 to cover the processing of the application is enclosed.

Sincerely,



J. S. VEAL

Director, Engineering Division

By direction of the Commanding Officer

Encl:

(1) Check for \$100.00

Copy to:

Mr. G. Benjock (Code 1143)
Southern Division
Naval Facilities Engineering Command
Charleston, SC 29411-0068

001031

1987 DEC -8 AM 9:29

RECEIVED
DER-MAIL ROOM

STATE OF FLORIDA

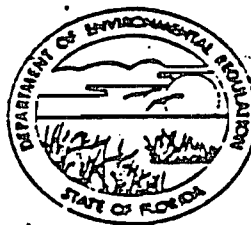
AC 16-143040

Receipt #117505

DEPARTMENT OF ENVIRONMENTAL REGULATION

DER

NORTHEAST DISTRICT

3426 BILLS ROAD
JACKSONVILLE, FLORIDA 32207

DEC 08 1987

BAQM

BOB GRAM
GOVERNORVICTORIA J. TSCHINE
SECRETARYG. DOUG BUTT
DISTRICT MANAGER

APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCES

SOURCE TYPE: Air Pollution ☒ New ☐ Existing¹APPLICATION TYPE: ☒ Construction ☐ Operation ☐ ModificationCOMPANY NAME: Naval Station, Mayport, Florida COUNTY: DuvalIdentify the specific emission point source(s) addressed in this application (i.e. Line
Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired) Firefighting Training FacilitySOURCE LOCATION: Street Baltimore Street, Naval Station City Mayport

UTM: East _____ North _____

Latitude 30 ° 23 ' 34 "N Longitude 81 ° 23 ' 54 "WAPPLICANT NAME AND TITLE: Commanding Officer, Naval Station, MayportAPPLICANT ADDRESS: Mayport, Florida 32228

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative* of Naval Station, Mayport

I certify that the statements made in this application for a construction permit are true, correct and complete to the best of my knowledge and belief. Further, I agree to maintain and operate the pollution control source and pollution control facilities in such a manner as to comply with the provision of Chapter 403, Florida Statutes, and all the rules and regulations of the department and revisions thereof. I also understand that a permit, if granted by the department, will be non-transferable and I will promptly notify the department upon sale or legal transfer of the permit establishment.

*Attach letter of authorization

Signed: A. Corsano

A. CORSANO, CDR, CEC, USN, PUBLIC WORKS OFFICER

Name and Title (Please Type)

Date: 26 JUN 87 Telephone No: 904-246-5252

B. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA (where required by Chapter 471, F.S.)

This is to certify that the engineering features of this pollution control project have been designed/examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of pollutants characterized in permit application. There is reasonable assurance, in my professional judgment,

¹ See Florida Administrative Code Rule 17-2.100(57) and (104)

ENCLOSURE (1)

the pollution control facilities, when properly maintained and operated, will discharge an effluent that complies with all applicable statutes of the State of Florida and rules and regulations of the department. It is also agreed that the undersigned will furnish, if authorized by the owner, the applicant a set of instructions for the proper maintenance and operation of the pollution control facilities and, if applicable, pollution sources.

Signed George M. Goldston

GEORGE M. GOLDSTON

Name (Please Type)

Southern Division, Naval Facilities Engineering Command

Company Name (Please Type)

2144 Melbourne St., P. O. Box 10068, Charleston, SC 29405

Mailing Address (Please Type)

S.C. Registration No. 10091

Date:

Telephone No.

SECTION II: GENERAL PROJECT INFORMATION

- A. Describe the nature and extent of the project. Refer to pollution control equipment and expected improvements in source performance as a result of installation. State whether the project will result in full compliance. Attach additional sheet if necessary.

Construction of a firefighting training facility to include shipboard fire simulators, extinguishment system and smoke simulation equipment to exhaust air emissions in compliance with State of Florida Air Rules.

- B. Schedule of project covered in this application (Construction Permit Application Only)

Start of Construction November 1984 Completion of Construction January 1990

- C. Costs of pollution control system(s): (Note: Show breakdown of estimated costs only for individual components/units of the project serving pollution control purposes. Information on actual costs shall be furnished with the application for operation permit.)

N/A

- D. Indicate any previous DER permits, orders and notices associated with the emission point, including permit issuance and expiration dates.

The present facility is considered an "open burning" firefighting trainer and is exempt under the State of Florida Air Rules.

E. Requested permitted equipment operating time: hrs/day 8; days/wk 4; wks/yr 48
 if power plant, hrs/yr _____; if seasonal, describe: _____

F. If this is a new source or major modification, answer the following questions. (Yes or No).

1. Is this source in a non-attainment area for a particular pollutant? Yes
 - a. If yes, has "offset" been applied? No
 - b. If yes, has "Lowest Achievable Emission Rate" been applied? No
 - c. If yes, list non-attainment pollutants. Ozone
2. Does best available control technology (BACT) apply to this source?
 If yes, see Section VI. No
3. Does the State "Prevention of Significant Deterioration" (PSD) requirement apply to this source? If yes, see Sections VI and VII. No
4. Do "Standards of Performance for New Stationary Sources" (NSPS) apply to this source? No
5. Do "National Emission Standards for Hazardous Air Pollutants" (NESHAP) apply to this source? No
- H. Do "Reasonably Available Control Technology" (RACT) requirements apply to this source? No
 - a. If yes, for what pollutants? _____
 - b. If yes, in addition to the information required in this form, any information requested in Rule 17-2.650 must be submitted.

Attach all supportive information related to any answer of "Yes". Attach any justification for any answer of "No" that might be considered questionable.

SECTION III: AIR POLLUTION SOURCES & CONTROL DEVICES (Other than Incinerators)

A. Raw Materials and Chemicals Used in your Process, if applicable:

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		
PKP-Sodium Bicarbonate	-	100%	64.5	Powder Extinguishment
Triarylphosphate	-	100%	6.1	Smoke Simulation
AFFF-Ultrawet K	-	3%	860	Foam Extinguishment

B. Process Rate, if applicable: (See Section V; Item 1)

1. Total Process Input Rate (lbs/hr): N/A2. Product Weight (lbs/hr): N/A

C. Airborne Contaminants Emitted: (Information in this table must be submitted for each emission point, use additional sheets as necessary)

Name of Contaminant	Emission ¹		Allowed ² Emission Rate per Rule 17-2	Allowable ³ Emission lbs/hr	Potential ⁴ Emission		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/yr	T/yr	
Total Particulates	0.109	0.084	CH17-2.610(2)	Latest Tech.	0.109	0.084	Exhaust Stack
CO	0.38	0.29	"	"	0.38	0.29	"
SO ₂	0.004	0.003	"	"	0.004	0.003	"
NO ₂	1.51	1.16	"	"	1.51	1.16	"
THC	0.033	0.025	"	"	0.033	0.025	"

¹See Section V, Item 2.²Reference applicable emission standards and units (e.g. Rule 17-2.600(5)(b)2. Table II, E. (1) - 0.1 pounds per million BTU heat input)³Calculated from operating rate and applicable standard.⁴Emission, if source operated without control (See Section V, Item 3).

D. Control Devices: (See Section V, Item 4) N/A

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles Size Collected (in microns) (If applicable)	Basis for Efficiency (Section V Item 5)

E. Fuels

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	avg/hr	max./hr	
Propane	122 gal/hr	122 gal/hr	2.65

*Units: Natural Gas--MMCF/hr; Fuel Oils--gallons/hr; Coal, wood, refuse, other--lbs/hr.

Fuel Analysis:

Percent Sulfur: 0.4% Percent Ash: 0Density: 0.1162 lb/ft³ (0.0155 lb/gal) lbs/gal Typical Percent Nitrogen: -Heat Capacity: 2520 BTU/ft³ (21,687 BTU/lb) 336 BTU/galOther Fuel Contaminants (which may cause air pollution): None

F. If applicable, indicate the percent of fuel used for space heating. N/A

Annual Average _____ Maximum _____

G. Indicate liquid or solid wastes generated and method of disposal.

Wastewater generated would be discharged to the existing sewage collection system.

H. Emission Stack Geometry and Flow Characteristics (Provide data for each stack):

Stack Height: _____ ft. Stack Diameter: _____ ft.

Gas Flow Rate: * ACFM * DSCFM Gas Exit Temperature: 600 °F

Water Vapor Content: 99+ % Velocity: * FD

* Calculation and data sheet attached.

SECTION IV: INCINERATOR INFORMATION N/A

Type of Waste	Type 0 (Plastics)	Type I (Rubbish)	Type II (Refuse)	Type III (Garbage)	Type IV (Pathological)	Type V (Liq. & Gas By-prod.)	Type VI (Solid By-prod.)
Actual lb/hr Incinerated							
Uncontrolled (lbs/hr)							

Description of Waste _____

Total Weight Incinerated (lbs/hr) _____ **Design Capacity (lbs/hr)** _____

Approximate Number of Hours of Operation per day _____ day/wk _____ wks/yr. _____

Manufacturer _____

Date Constructed _____ Model No. _____

	Volume (ft) ³	Heat Release (BTU/hr)	Fuel		Temperature (°F)
			Type	BTU/hr	
Primary Chamber					
Secondary Chamber					

Stack Height: _____ ft. Stack Diameter: _____ Stack Temp. _____

Gas Flow Rate: _____ ACFM _____ DSCFM* Velocity: _____ FPS

*If 50 or more tons per day design capacity, submit the emissions rate in grains per standard cubic foot dry gas corrected to 50% excess air.

Type of pollution control device: ☐ Cyclone ☐ Wet Scrubber ☐ Afterburner

☐ Other (specify) _____

Brief description of operating characteristics of control devices: _____

Ultimate disposal of any effluent other than that emitted from the stack (scrubber water, ash, etc.):

NOTE: Items 2, 3, 4, 6, 7, 8, and 10 in Section V must be included where applicable.

SECTION V: SUPPLEMENTAL REQUIREMENTS

Please provide the following supplements where required for this application.

1. Total process input rate and product weight -- show derivation [Rule 17-2.100(127)]
2. To a construction application, attach basis of emission estimate (e.g., design calculations, design drawings, pertinent manufacturer's test data, etc.) and attach proposed methods (e.g., FR Part 60 Methods 1, 2, 3, 4, 5) to show proof of compliance with applicable standards. To an operation application, attach test results or methods used to show proof of compliance. Information provided when applying for an operation permit from a construction permit shall be indicative of the time at which the test was made.
3. Attach basis of potential discharge (e.g., emission factor, that is, AP42 test).
4. With construction permit application, include design details for all air pollution control systems (e.g., for baghouse include cloth to air ratio; for scrubber include cross-section sketch, design pressure drop, etc.).
5. With construction permit application, attach derivation of control device(s) efficiency. Include test or design data. Items 2, 3 and 5 should be consistent: actual emissions = potential (1-efficiency).
6. An 8 1/2" x 11" flow diagram which will, without revealing trade secrets, identify the individual operations and/or processes. Indicate where raw materials enter, where solid and liquid waste exit, where gaseous emissions and/or airborne particles are evolved and where finished products are obtained.
7. An 8 1/2" x 11" plot plan showing the location of the establishment, and points of airborne emissions, in relation to the surrounding area, residences and other permanent structures and roadways (Example: Copy of relevant portion of USGS topographic map).
8. An 8 1/2" x 11" plot plan of facility showing the location of manufacturing processes and outlets for airborne emissions. Relate all flows to the flow diagram.

9. The appropriate application fee in accordance with Rule 17-4.05. The check should be made payable to the Department of Environmental Regulation.
10. With an application for operation permit, attach a Certificate of Completion of Construction indicating that the source was constructed as shown in the construction permit.

SECTION VI: BEST AVAILABLE CONTROL TECHNOLOGY N/A

A. Are standards of performance for new stationary sources pursuant to 40 C.F.R. Part 61 applicable to the source?

☐ Yes ☐ No

Contaminant

Rate or Concentration

B. Has EPA declared the best available control technology for this class of sources (yes, attach copy)?

☐ Yes ☐ No

Contaminant

Rate or Concentration

C. What emission levels do you propose as best available control technology?

Contaminant

Rate or Concentration

D. Describe the existing control and treatment technology (if any).

1. Control Device/System:

2. Operating Principles:

3. Efficiency:*

4. Capital Costs:

*Explain method of determining

5. Useful Life:

7. Energy:

9. Emissions:

6. Operating Costs:

8. Maintenance Cost:

Contaminant

Rate or Concentration

10. Stack Parameters

a. Height:

ft.

b. Diameter:

ft.

c. Flow Rates:

ACFM

d. Temperature:

°F

e. Velocity:

FPS

E. Describe the control and treatment technology available (As many types as applicable use additional pages if necessary).

1.

a. Control Devices:

b. Operating Principles:

c. Efficiency:¹

d. Capital Cost:

e. Useful Life:

f. Operating Cost:

g. Energy:²

h. Maintenance Cost:

i. Availability of construction materials and process chemicals:

j. Applicability to manufacturing processes:

k. Ability to construct with control device, install in available space, and operate within proposed levels:

2.

a. Control Devices:

b. Operating Principles:

c. Efficiency:¹

d. Capital Cost:

e. Useful Life:

f. Operating Cost:

g. Energy:²

h. Maintenance Cost:

i. Availability of construction materials and process chemicals:

¹Explain method of determining efficiency.

²Energy to be reported in units of electrical power - KWH design rate.

j. Applicability to manufacturing processes:

k. Ability to construct with control device, install in available space, and operate within proposed levels:

3.

a. Control Devices:

b. Operating Principles:

c. Efficiency:¹

d. Capital Cost:

e. Useful Life:

f. Operating Cost:

g. Energy:²

h. Maintenance Cost:

i. Availability of construction materials and process chemicals:

j. Applicability to manufacturing processes:

k. Ability to construct with control device, install in available space, and operate within proposed levels:

4.

a. Control Devices:

b. Operating Principles:

c. Efficiency:¹

d. Capital Costs:

e. Useful Life:

f. Operating Cost:

g. Energy:²

h. Maintenance Cost:

i. Availability of construction materials and process chemicals:

j. Applicability to manufacturing processes:

k. Ability to construct with control device, install in available space, and operate within proposed levels:

F. Describe the control technology selected:

1. Control Devices:

2. Efficiency:¹

3. Capital Cost:

4. Useful Life:

5. Operating Cost:

6. Energy:²

7. Maintenance Cost:

8. Manufacturer:

9. Other locations where employed on similar processes:

a. (1) Company:

(2) Mailing Address:

(3) City:

(4) State:

¹Explain method of determining efficiency.

²Energy to be reported in units of electrical power - KWH design rate.

(5) Environmental Managers:

(6) Telephone No.:

(7) Emissions:¹

Contaminant

Rate or Concentration

(8) Process Rate:¹

b. (1) Company:

(2) Mailing Address:

(3) City:

(4) State:

(5) Environmental Managers:

(6) Telephone No.:

(7) Emissions:¹

Contaminant

Rate or Concentration

(8) Process Rate:¹

10. Reason for selection and description of systems:

¹Applicant must provide this information when available. Should this information not be available, applicant must state the reason(s) why.

SECTION VII - PREVENTION OF SIGNIFICANT DETERIORATION N/A

A. Company Monitored Data

1. _____ no. sites _____ TSP _____ () SO₂ _____ Wind spd/dir
 Period of Monitoring _____ / _____ / _____ to _____ / _____ / _____
 month day year month day year

Other data recorded _____

Attach all data or statistical summaries to this application.

*Specify bubbler (B) or continuous (C).

2. Instrumentation, Field and Laboratory

a. Was instrumentation EPA referenced or its equivalent? ☐ Yes ☐ No

b. Was instrumentation calibrated in accordance with Department procedures?

☐ Yes ☐ No ☐ Unknown

B. Meteorological Data Used for Air Quality Modeling

1. _____ Year(s) of data from _____ / _____ / _____ to _____ / _____ / _____
month day year month day year

2. Surface data obtained from (location) _____

3. Upper air (mixing height) data obtained from (location) _____

4. Stability wind rose (STAR) data obtained from (location) _____

C. Computer Models Used

1. _____ Modified? If yes, attach description.

2. _____ Modified? If yes, attach description.

3. _____ Modified? If yes, attach description.

4. _____ Modified? If yes, attach description.

Attach copies of all final model runs showing input data, receptor locations, and principle output tables.

D. Applicants Maximum Allowable Emission Data

Pollutant Emission Rate

TSP _____ grams/sec

SO₂ _____ grams/sec

E. Emission Data Used in Modeling

Attach list of emission sources. Emission data required is source name, description of point source (on NEDS point number), UTM coordinates, stack data, allowable emissions and normal operating time.

F. Attach all other information supportive to the PSD review.

G. Discuss the social and economic impact of the selected technology versus other applicable technologies (i.e., jobs, payroll, production, taxes, energy, etc.). Include assessment of the environmental impact of the sources.

H. Attach scientific, engineering, and technical material, reports, publications, journals, and other competent relevant information describing the theory and application of the requested best available control technology.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400



BOB MARTINEZ
GOVERNOR
DALE TWACHTMANN
SECRETARY

July 30, 1987

Mr. J. B. Malone, Jr.
Acting Head, Environmental Branch
Department of the Navy
Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
Post Office Box 10068
Charleston, South Carolina 29411-0068

Dear Mr. Malone:

We are in receipt of your application for a firefighting training facility permit filed with this office on July 27, 1987. That application did not include a check in payment of the permit application fee. The fee for processing this permit application is one hundred dollars (\$100), which is based on the potential pollutant emissions contained in the application packet.

Section 403.087(5), Florida Statutes (1986), provides that the Department shall not process a permit application unless the application is accompanied by the appropriate permit processing fee. If you wish the Department to process the application, please remit the appropriate fee.

Sincerely,

C.H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality
Management

CHF/mvj



DEPARTMENT OF THE NAVY
SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
2155 EAGLE DR., P. O. BOX 10068
CHARLESTON, S. C. 29411-0068

TEL. 803-743-0554

PLEASE ADDRESS REPLY TO THE
COMMANDING OFFICER, NOT TO
THE SIGNER OF THIS LETTER.
REFER TO:

5090
Code 1141/P1

24 JUL 1987

Mr. C.H. Fancy, P.E.
Bureau of Air Quality Management
Florida Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301-8241

Subj: Firefighting Training Facility, Permit Number AC16-044956

Dear Mr. Fancy:

This letter is in reference to the subject permit for the Firefighting Training Facility at the Naval Station Mayport, Florida. The permit expired on 1 March 1986 and as requested by your office the attached four copies of an application to operate/construct Air Pollution Sources is forwarded for your review and approval of a time extension to the permit. The Naval Station Mayport letter dated 10 April 1987 requested an extension until 1 March 1988, however, we request additional time to 1 January 1989.

If you need to discuss this further, please call Mr. G.M. Goldston at the above telephone number.

Sincerely,

J. B. Malone, Jr.
J. B. MALONE, JR.

Acting Head, Environmental Branch

Copy to:
NS Mayport (Mr. Jose Negron)

\$100 fee required

copied:

Jose R. Negron
Naval Station Mayport
Public Works Dept.
P.O. Box 265
Mayport, FL. 32228
attn. Code N422

7/31/87 RAN

Effective Dt.
Clock Starts

DER

DEC 08 1987

BAQM

File Copy

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JUL 27 1987

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