

Date Received  
10-12-92

INFORMATION RELEASE REQUEST

ORIGINAL

Reference:  
WHC-CM-3-4

Complete for all Types of Release

Purpose

<input type="checkbox"/> Speech or Presentation	<input type="checkbox"/> Reference
<input type="checkbox"/> Full Paper	<input type="checkbox"/> Technical Report
<input type="checkbox"/> Summary (Check only one suffix)	<input type="checkbox"/> Thesis or Dissertation
<input type="checkbox"/> Abstract	<input type="checkbox"/> Manual
<input type="checkbox"/> Visual Aid	<input type="checkbox"/> Brochure/Flier
<input type="checkbox"/> Speakers Bureau	<input type="checkbox"/> Software/Database
<input type="checkbox"/> Poster Session	<input type="checkbox"/> Controlled Document
<input type="checkbox"/> Videotape	<input checked="" type="checkbox"/> Other <u>ECOLOG</u>

ID Number (include revision, volume, etc.)  
REG-0015

List attachments.

Date Release Required

Title Hazardous Waste Disposal Analysis Record (HWOAR)      Unclassified Category UC-      Impact Level

New or novel (patentable) subject matter?  No  Yes  
If "Yes", has disclosure been submitted by WHC or other company?  
 No  Yes Disclosure No(s).

Information received from others in confidence, such as proprietary data, trade secrets, and/or inventions?  
 No  Yes (Identify)

Copyrights?  No  Yes  
If "Yes", has written permission been granted?  
 No  Yes (Attach Permission)

Trademarks?  
 No  Yes (Identify)

Complete for Speech or Presentation

Title of Conference or Meeting

Group or Society Sponsoring

Date(s) of Conference or Meeting      City/State

Will proceedings be published?  Yes  No  
Will material be handed out?  Yes  No

Title of Journal

CHECKLIST FOR SIGNATORIES

Review Required per WHC-CM-3-4	Yes	No	Reviewer - Signature Indicates Approval	
			Name (printed)	Signature
Classification/Uncontrolled Nuclear Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>G. B. GRIFFIN</u>	<u>[Signature]</u>
Patent-General Counsel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>J. SW BERGLIN</u>	<u>[Signature]</u>
Legal-General Counsel	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Applied Technology/Export Controlled Information or International Program	<input type="checkbox"/>	<input checked="" type="checkbox"/>	* <u>G. B. GRIFFIN</u>	<u>[Signature]</u>
WHC Program/Project	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>BOB BLOWERS</u>	<u>[Signature]</u>
Communications	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
RL Program/Project	<input checked="" type="checkbox"/>	<input type="checkbox"/>	* <u>K.A. BENGUAT</u>	<u>[Signature]</u>
Publications Services	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Other Program/Project	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

\* Pending approval by Authorized Derivative Classifier

Information conforms to all applicable requirements. The above information is certified to be correct.

References Available to Intended Audience  Yes  No  
Transmit to DOE-HQ/Office of Scientific and Technical Information  Yes  No

INFORMATION RELEASE ADMINISTRATION APPROVAL STAMP  
Stamp is required before release. Release is contingent upon resolution of mandatory comments.

Author/Requestor (Printed/Signature)      Date  
Steve Szendre      9-30-92  
STEVE SZENDRE



INFORMATION

Intended Audience  
 Internal     Sponsor     External



Responsible Manager (Printed/Signature)      Date  
R. G. Erickson      10/9/92

Date Cancelled      Date Disapproved



## INSTRUCTIONS FOR INFORMATION RELEASE REQUEST SIGNATORIES

*This list provides the instructions for each reviewer. It is meant to be used as a checklist and requires no signatures. The list is not all-inclusive but covers the key areas needing review. Areas needing further review or other areas needing review should be indicated under comments.*

### Author/Requestor

- Project or program manager concurs with the issuance of this report.
- Reference citations are necessary, correct and appropriate for the intended audience and will be publicly available at the time the document is published.
- If a journal article, the reference style agrees with guidance from the client or journal publisher.
- Contributions from authors of other organizations indicated in the comment section of this form.
- Document is responsive to the client's scope of work.
- Client approved this for release.
- Document reports or reflects quality technical work.
- Scientific methodology used is logical and reasonable.
- Inferences and conclusions are soundly based.

### Responsible Manager

Indicated at the bottom of the comment section of this form that General Counsel's office should review this document with particular attention to:

- An invention (reported or unreported)
- New software developed at WHC
- Sensitive subject matter (policies, issues, concerns)
- Copyrighted information
- Trademark information
- Proprietary information.

If the funding for the program represented by the document is from the Assistant Secretary for Nuclear Energy (NE), and public clearance or limited clearance for foreign exchange (sponsor-limited) is requested, the following information is required:

- Information generation dates
- Prior dissemination to DOE contractors
- Prior dissemination under international agreements
- Substantive value for international exchange
- Justification for release of information.

### Authorized Derivative Classifier

Document reviewed for [and indicated on the front of the form] the presence of the following:

- Classified information
- Unclassified Controlled Nuclear Information (UCNI)

### General Counsel Reviewer

Document reviewed for [and indicated on the front of the form] the presence of the following:

- Previously reported or as yet unreported patentable subject matter
- Copyrighted material
- Trademarks
- Proprietary information
- Product comparisons
- Inventions
- New software developments
- Information meets environmental compliance.

### Communications Department Reviewer

- This document contains no unresolved company policy issue.
- WHC logotype is used correctly.

### WHC and RL Program Reviewer

Document reviewed for [and indicated on the front of the form] the presence of the following:

- Applied Technology information
- Limited Disclosure information (foreign exchange)
- Distribution list discussed with the client
- Others who should review this document before release indicated in the comment section of this form.

### Publications Services Reviewer

- Structure and format of the document are appropriate for the subject matter and comply with company standards.
- Restrictive legends, markings, and notices are affixed as appropriate.
- Required elements are included, such as disclaimer, cover, distribution list, approvals, etc.

### Information Release Administration

- All reviews are complete and this publication or presentation is approved for release (after resolution of mandatory comments).

Lead Author <b>REQUESTOR</b> <b>STEVE SZENORE</b>	Phone 6-7776	MSIN B219	Other Author(s) or Requestor ECOLOGY
Project or Program	Lead Org Code 81140	Sponsor Agency (DOE) DOT, NRC, USGS, etc.)	
Editor	Phone	MSIN	DOE/HQ Program (DP, EH, EM, NE, etc.)

Mandatory Comments (Only mandatory comments are to be documented. All other comments should be made on a copy of the information submitted for review and returned to the author.)	Reviewer Name & Signature	Date	Resolution	Reviewer Name & Signature	Date

Legends/Notices/Markings (required per WHC-CM-3-4 or guidance organization.) (Reviewer initials)

	Yes	No		Yes	No
Applied Technology	<input type="checkbox"/>	<input type="checkbox"/>	Predecisional Information	<input type="checkbox"/>	<input type="checkbox"/>
Business-Sensitive Information	<input type="checkbox"/>	<input type="checkbox"/>	Programmatic Notice	<input type="checkbox"/>	<input type="checkbox"/>
Computer Software Notice	<input type="checkbox"/>	<input type="checkbox"/>	Proprietary Information	<input type="checkbox"/>	<input type="checkbox"/>
Copyright License Notice	<input type="checkbox"/>	<input type="checkbox"/>	Purpose and Use	<input type="checkbox"/>	<input type="checkbox"/>
Export Controlled Information	<input type="checkbox"/>	<input type="checkbox"/>	Thesis/Dissertation	<input type="checkbox"/>	<input type="checkbox"/>
Legal Disclaimer	<input type="checkbox"/>	<input type="checkbox"/>	Trademark Disclaimer	<input type="checkbox"/>	<input type="checkbox"/>
Limited Disclosure	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unclassified Controlled Nuclear Information/Official Use Only	<input type="checkbox"/>	<input type="checkbox"/>
Patent Status	<input type="checkbox"/>	<input type="checkbox"/>			

Additional information \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



# Hazardous Waste Disposal Analysis Record (HWDAR)

ISSUE DATE AUG 24 1992

Page 1 of 2

DISPOSAL ANALYSIS No. 20918 Gen. Log No. C-400-92-024

GENERATOR R. A. Riggers MSIN N2-04 PHONE 6-2674 COMPANY WHC

ACCUMULATION DATE N/A SHIPPING DEADLINE DATE N/A

Analysis: D. S. Tureman Debi Tureman Phone 376-4646

Review: CK Hinner 8-20-92 Approval: [Signature]

\*\*\*\*\*

## GENERAL INSTRUCTIONS

- Package, Label, and Mark according to the Shipping Summary Table (attached).
- All shipping containers must be in good condition and tightly closed.
- Container gross weight should be 450 pounds or less whenever possible.
- Complete a Uniform Hazardous Waste Manifest for shipments of regulated waste.
- All regulated waste must be inspected by Transportation Logistics (376-7627)
- Obtain radiological release or exemption within 24 hours before transport.
- Arrange for transport at least one week ahead of time.

SEE WHC-CM-5-16 AND WHC-CM-2-14 FOR DETAILS OF PACKAGING AND SHIPPING

\*\*\*\*\*

<u>Waste Destination</u>	<u>Transportation Rep.</u>	<u>Phone Number</u>
<u>616 Nonradioactive Waste Storage</u>	R. Pedraza	373-1881
<u>Non-regulated Drum Storage</u>	P. C. Hendrix	376-0971
<u>Solid Waste Landfill Trash Trench</u>	P. C. Hendrix	376-0971
<u>X Other: Direct Offsite</u>	M. R. Romsos	376-4900

\*\*\*\*\*

cc: Acceptance Services, others as needed:

M. A. Sams	G2-02	M.R. Romsos	N3-11
J. W. Pratt	T4-01	Solid Waste Landfill Operator	G4-07
R. Pedraza	T3-29		

## WASTE SHIPPING SUMMARY

Page 2 of 2

MANIFEST #: 20918

### WASTE OIL

Waste oils designated as specification used oil listed below are to be pumped offsite for energy recovery. Contact Mike Romsos on 376-4900 to make arrangements.

Item 400-91-0033 (1) 30 gallon DOT 17E DM containing 41.73K of Mobiltherm DTE Heavy Medium

Items 400-91-0036, (3) 55 gallon DOT 17E DMs containing 473.89K of  
0037 and 400-90-0140 73% Mobil DTE Medium Oil and 27% Mobil 630 Oil

LOG SHEET OF OIL PUMPED INTO FUEL OIL TANKS FOR ENERGY RECOVERY

East Fuel Oil Tank consisted of 10 drums of approximately 500 gallons.

Drum No.	Disposal No.	Contents
4-88-0028	20529	Oil
4-89-0030	20529	Oil
4-89-0106	20529	Oil
4-89-0116	20529	Oil
4-89-131	20529	Oil
4-90-0035	20529	Oil
4-90-0129	20529	Oil
4-90-0131	20529	Oil
4-90-0132	20529	Oil
400-90-0140	20918	Pump (1-5) Oil

South Fuel Oil Tank consisted of 8 drums of approximately 330 gallons.

Drum No.	Disposal No.	Contents
4-89-0034	20529	Oil
4-89-0046	20529	Oil
4-90-053	20529	Oil
400-90-0158	20529	Oil
400-91-0006	20529	Mobilguard 450
400-91-0024	20796	Misc oils from 4713-B
400-91-0033	20918	Mobilguard Oil (Bruce Bowman)
400-92-0016	20796	Manlift Oil

West Fuel Oil Tank consisted of 8 drums of approximately 350 gallons

Drum No.	Disposal No.	Contents
4-88-0030	20529	Oil
4-90-0130	20529	Oil
4-90-0133	20529	Oil
4-90-0141	20529	Oil
400-90-0142	20529	Oil
400-90-0154	20529	Oil
400-91-0036	20918	Pump Oil (1-5)
400-91-0037	20918	Pump Oil (1-5)

Drums numbered previous to 400-91-0001 were here prior to my arrival.



REPORT OF NON-REGULATED WASTES SAMPLE TRACKING REPORT

DRUM/ SAMPLE NUMBER	SAMPLE TAKEN BY	DATE SAMPLE TAKEN	LOCATION OF ANALYSIS LAB	STATUS OF SAMPLE	ESTIMATE DATE OF RETURN	DATE RESULTS RECEIVED FFTF	ANALYSIS NO.	DRUM TYPE	GR. WT.	OSS CROSS REFERENCE NO.
4-88-0028	S.M.L.	05/28/91	Recycle C	20529	03/25/92	04/01/92	920612-120	55 17E	390	4-CD-528-3
4-88-0030	S.M.L.	05/28/91	Recycle B	20529	03/25/92	04/01/92	920612-119	55 17E	465	4-CD-528-2
4-88-0035	Dupont	06/11/90	RECYCLE	Ready	04/22/91	/ /	CO15670	55 17E	408	N/A
4-88-0057	J Olson	01/25/89	SOLIDIFY	Ready	04/01/89	/ /	CO13586	85 Gal	523	N/A
4-88-0184	Dupont	03/03/89	SOLIDIFY	Ready	11/21/89	/ /	CO13721	55 17E		N/A
4-88-0329-1	S.M.L.	05/29/91	Non-Regulated	20529	03/25/92	04/01/92	920612-130	55 17E	97	4-OD-529-9
4-88-80	M.S.T.	07/27/92	Water & Kerosen	Sampled	/ /	/ /		55 17E	292	92160-04.G27
4-89-0030	S.M.L.	05/28/91	Recycle C	20529	03/25/92	04/01/92	920612-120	55 17E	426	4-CD-528-3
4-89-0034	S.M.L.	05/29/91	Recycle D	20529	03/25/92	04/01/92	920612-125	55 17E	422	4-CD-529-4
4-89-0046	S.M.L.	05/30/90	Recycle K	20529	03/25/92	04/01/92	920612-128	17E 55	414	4-OD-529-7
4-89-0072	S.M.L.	05/29/91	Recycle L	20529	03/25/92	04/01/92	920612-129	30 17H	049	4-OD-529-8
4-89-0106	S.M.L.	05/28/91	Recycle C	20529	03/25/92	04/01/92	920612-120	55 17E	446	4-CD-528-3
4-89-0116	S.M.L.	05/28/91	Recycle C	20529	03/25/91	04/01/92	920612-120	55 17E	450	4-CD-528-3
4-89-131	S.M.L.	05/29/91	Recycle G	20529	03/25/92	04/01/92	920612-124	55 17E	455	4-OD-529-3
4-90-0035	S.M.L.	05/28/91	Recycle B	20529	03/25/92	04/01/92	920612-119	55 17E	432	4-CD-528-2
4-90-0055	N/A	/ /	Non-Hazardous Q	20529	/ /	/ /	920612-119	55 17C	198	N/A
4-90-0063	Dupont	06/11/90	RECYCLE	Ready	03/06/91	/ /	CO15670	55 17E		N/A
4-90-0069	N/A	/ /	Non-Hazardous R	20529	/ /	/ /	920612-120	55 17C	126	N/A
4-90-0129	S.M.L.	05/28/91	Recycle B	20529	03/25/92	04/01/92	920612-119	55 17E	443	4-CD-528-2
4-90-0130	S.M.L.	05/28/91	Recycle B	20529	03/25/92	04/01/92	920612-119	55 17E	464	4-CD-528-2
4-90-0131	S.M.L.	05/28/91	Recycle A	20529	03/25/92	04/01/92	920612-118	55 17E	441	4-CD-528-1
4-90-0132	S.M.L.	05/28/91	Recycle A	20529	03/25/92	04/01/92	920612-118	55 17E	442	4-CD-528-1
4-90-0133	S.M.L.	05/29/91	Recycle I	20529	03/25/92	04/01/92	920612-126	55 17E	427	4-OD-529-5
4-90-0141	S.M.L.	05/28/91	Recycle A	20529	03/25/92	04/01/92	920612-118	55 17E	464	4-CD-528-1
4-90-053	S.M.L.	05/29/91	Recycle F	20529	03/25/92	04/01/92	920612-123	55 17E	355	4-OD-529-2
4-90-157		/ /	SOLIDIFY	Ready	/ /	/ /	CWDR 10147	55 17E		
400-90-0013	S.M.L.	02/11/92	Solidify	20796	/ /	/ /		55 17E	478	4OS-0211-5,6,& 7
400-90-0030	M.S.T.	07/27/92	Lab	Sampled	/ /	/ /		55 17E	433	92160-03.G27
400-90-0140	Gilchr.	10/09/91	Recycle	20918	03/05/92	/ /		55 17E	424	
400-90-0142	S.M.L.	05/28/91	Recycle A	20529	03/25/92	04/01/92	920612-118	55 17E	442	4-CD-528-1
400-90-0148	S.M.L.	02/11/92	Solidify		/ /	/ /		55 17E	435	4OS-0211-9,10,11
400-90-0154	S.M.L.	05/28/91	Recycle C	20529	03/25/92	04/01/92	920612-120	55 17E	88	4-CD-528-3
400-90-0158	S.M.L.	05/29/91	Recycle J	20529	03/25/92	04/01/92	920612-127	55 17E	423	4-OD-529-6
400-91-0006	S.M.L.	04/29/91	Recycle E	20529	03/25/92	04/01/92	920612-122	30 17E	184	4-OD-529-1
400-91-0024	S.M.L.	02/11/92	Recycle	20796	/ /	/ /		55 17E	429	4OS-0211-9,10,11
400-91-0033	Gilchr.	10/09/91	Recycle	20918	03/05/92	/ /		30 17E	115	
400-91-0036	Gilchr.	10/09/91	Recycle	20918	03/05/92	/ /		55 17E	346	
400-91-0037	Gilchr.	10/09/91	Recycle	20918	03/05/92	/ /		55 17E	413	
400-92-0016	S.M.L.	02/11/92	Recycle	20796	/ /	/ /		30 17E	164	4OS-0211-1,2,& 3
400-92-0023	M.S.T.	07/27/92	Lab	Sampled	/ /	07/24/92		55 17E	206	92160-01.G27
400-92-0024	M.S.T.	07/27/92	Lab	Sampled	/ /	07/24/92		30 17E	088	92160-02.G27
PW-1,3,4 & 6	S.M.L.	02/11/92	Non-Hazardous	Dispose	/ /	/ /	20796	55 17E	887	4PS-0211-1 & 2
PW-2,5, & 7	S.M.L.	02/11/92	Non-Hazardous	Dispose	/ /	/ /	20796	55 17E	373	4PS-0211-4 & 5

EAST TANK  
SOUTH TANK  
WEST TANK

PROPOSAL TO BURN USED SPECIFICATION OIL IN FFTF PREHEATERS

August 10, 1992

The preheaters located at FFTF in the 400 Area usually burn fuel oil as an energy source. Bruce Bowman, the Plant Engineer for the FFTF preheaters, indicates that no adverse effects would occur to the preheaters if Specification Used Oil were added to the existing fuel oil tanks (T-19, T-20, and T-21). Adding Specification Used Oil to the preheaters fuel oil tanks would use the oil for energy recovery. Lab analysis and designation by SWEA indicates the proposed oil is Specification Used Oil to be used for energy recovery. Using the oil on-site will save on the cost of disposal from an off-site contractor.

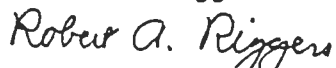
We have approximately 650 gallons of Specification Used Oil on hand. The cost for an outside contractor to vacuum the oil from the barrels is \$0.60 per gallon. This using of the oil will save FFTF \$390.00 in disposal costs.

My proposal is to burn the oil mixed with fuel oil on-site for energy recovery and disposal cost savings.

Bruce Bowman

  
FFTF Plant Engineer

Robert A. Riggers

  
FFTF Plant Engineer



DON'T SAY IT --- Write It!

DATE: August 24, 1992

TO: Bob Riggers N2-04

FROM: Matt La Barge B2-19 *Matt*

Telephone: 6-0842

cc: Bruce Bowman N2-56  
Brad Erlandson B2-19 *BE*  
Bob Holt A5-15  
Tony Miskho B2-19  
Mike Romsos N3-11  
Joan Steward R1-28  
Ed Smith B2-19 *ES*

SUBJECT: BURNING USED OIL IN FFTF PREHEATERS

You recently sent me a proposal to allow the burning of used oil in the preheaters at FFTF. As documented in your proposal, the used oil has been designated as specification used oil by Acceptance Services. FFTF currently burns fuel oil in their preheaters.

The Washington Administrative Code (WAC) 173-303-515 specifies that used oil meeting specification requirements may be burned for energy recovery without a dangerous waste permit. The specific requirements for both the generator of the used oil and the burner of the oil are found in the WAC 173-303-515.

- Analysis - The documentation demonstrating the used oil meets the specifications listed in Table 1 of the WAC 173-303-515 must be retained for a minimum of three years.
- Record keeping - The operating record must reflect the name and location of the receiving facility, quantity of the used oil offered for shipment, date of the shipment, and a cross reference to the analysis described above.
- Storage - Storage of the used oil is exempt from the dangerous waste storage requirements. As a best management practice, storage of these wastes should be conducted in a manner similar to other dangerous wastes, ie. proper containers and labeling, and secondary containment, however there would be no 90 day storage limitation.

Based on the information provided in your proposal, it is acceptable to burn used oil in the preheaters at FFTF provided all of the above requirements are met. One additional precaution should be observed. In order to satisfy the Benton, Franklin, Walla Walla Counties Air Pollution Control Authority, a test burn should be conducted. A small amount of used oil should be mixed with the existing fuel prior to being burned in the preheaters. The emission stack should be observed during the test burn. The test will be considered successful if no significant increase in opacity is observed at the stack. If the opacity does increase, then you should either reduce the amount of used oil in the fuel mix or discontinue the burning of the used oil.