



0033477

Department of Energy

Richland Operations Office  
P.O. Box 550  
Richland, Washington 99352

94-RPS-080

DEC 21 1993

Incoming: 9400616  
XREF: 9359981D

Mr. David C. Nylander  
Kennewick Manager  
State of Washington  
Department of Ecology  
7601 West Clearwater, Suite 102  
Kennewick, Washington 99336

Dear Mr. Nylander:

CLOSURE CHECKLISTS FOR UNDERGROUND STORAGE TANKS 165-KW-E, 165-KW-W, 130-K-3A, AND 130-K-3B

Please find the enclosed closure checklists for underground storage tanks (USTs) 165-KW-E, 165-KW-W, 130-K-3A, and 130-K-3B. These tanks fall under the Washington Administrative Code (WAC) 173-360-395, "Applicability to Previously Closed UST Systems." This section allows the State of Washington Department of Ecology (Ecology) to mandate removal of UST systems permanently closed or abandoned before December 22, 1988, in accordance with the removal procedures in WAC 173-360. The U.S. Department of Energy, Richland Operations Office and Westinghouse Hanford Company have voluntarily set up an orphan tank program, to remove these abandoned tanks, which has been determined to be exempt from WAC 173-360. These tank systems were found to be free of contamination, and the site assessment checklists and reports were previously sent to your office.

If you have any questions or require additional information, please call me or Ms. Annabelle L. Rodriguez at 372-0277.

Sincerely,

*James D. Bauer*

James D. Bauer, Program Manager  
Office of Environmental Assurance,  
Permits, and Policy  
DOE Richland Operations Office

*R. E. Lerch*

R. E. Lerch, Deputy Director  
Restoration and Remediation  
Westinghouse Hanford Company

EAP:ALR

Enclosure

cc w/o encl:  
D. R. Sherwood, EPA  
R. F. Stanley, Ecology  
M. A. Mihalic, WHC  
T. M. Wintczak, WHC



ER PROGRAM OFFICE

DEC 27 1993

Action \_\_\_\_\_ Toss \_\_\_\_\_  
Route \_\_\_\_\_ File \_\_\_\_\_



# UNDERGROUND STORAGE TANK Permanent Closure/Change-In-Service Checklist

The purpose of this form is to certify the proper closure/change-in-service of underground storage tank (UST) systems. These activities must be conducted in accordance with Chapter 173.360 WAC. Washington State UST rules require the tank owner or operator to notify Ecology in writing 30 days prior to closure or change-in-service of tanks. This must be done by completing the 30 Day Notice form (ECY 010-155).

This Permanent Closure Checklist shall be completed and signed by a **Licensed Decommissioning Supervisor**. The supervisor shall be on site when all tank permanent closure/change-in-service activities are being conducted. The firm which employs the licensed supervisor shall also be licensed by the Washington State Department of Ecology as a **Service Provider**. If any of the activities listed below have been supervised by a different licensed supervisor, a separate checklist must be filled out and signed by the licensed supervisor performing those activities.

For further information about completing this form, please contact the Department of Ecology UST Program.

A separate checklist must be completed for each UST system (tank and associated piping), except that UST systems at one site may be reported together by completing page 2 of this form separately for each system. The completed checklist should be mailed to the following address within 30 days of the completion of the closure or change-in-service.

Underground Storage Tank Section  
Department of Ecology  
P. O. Box 47655  
Olympia, WA 98504-7655

## 1. UST SYSTEM OWNER AND LOCATION

Site Owner/Operator: U. S. Department of Energy, Richland Field Office

Owners Address: 550  
Street P.O. Box  
Richland WA 99352-0550  
City State ZIP-Code

Telephone: (509) 376-7387

Site ID Number (on invoice or available from Ecology if tank is registered): 012763

Site/Business Name: U. S. Department of Energy, Richland Field Office

Site Address: 825 Jadwin Benton  
Street County  
Richland WA 99352-0550  
City State ZIP-Code

## 2. TANK PERMANENT CLOSURE/CHANGE-IN-SERVICE PERFORMED BY:

Firm: Westinghouse Hanford Company License Number: \_\_\_\_\_

Address: \_\_\_\_\_  
Street P.O. Box  
Richland WA 99352-0539  
City State ZIP-Code

Telephone: (509) 376-7411

Licensed Supervisor: Daniel Riley Decommissioning License Number: W000778  
Scott D. Thoren W002236

This page must be completed separately for each tank permanently closed (decommissioned) or change-in-service at the site. For additional tanks you may photocopy this form prior to completing.

**3. TANK CLOSURE/CHANGE-IN-SERVICE INFORMATION**

1. Tank ID Number (as registered with Ecology): 165-KW-W      2. Year installed: 1955
3. Tank capacity in gallons: 10,000      4. Date of last use: 1970
5. Last substance stored: Antifreeze      6. Date of closure/change-in-service: \_\_\_\_\_
7. Type of closure: Closure with Tank Removal       In-place Closure       Change-in-Service
8. If in-place closure is used, the tank has been filled with the following substance: N/A
9. If change-in-service, indicate new substance stored in tank: N/A
10. Local permit(s) (if any) obtained from: None

Always contact local authorities regarding permit requirements.

11. Has a site assessment been completed? Yes       No

Unless an external release detection system is operating at the time of closure or change in service, and a report is provided as specified in WAC 173-360-390, a site assessment must be conducted. This site assessment must be conducted by a person registered with the Department of Ecology to perform site assessments. Results of the site assessment must be included with the Site Assessment Checklist (ECY 010-158).

**4. CHECKLIST**

Each item of the following checklist shall be initialed by the licensed supervisor whose signature appears below.

	Yes	No	NA*
1. Has all liquid been removed from product lines?	JAR		
2. Has all product piping been capped or removed?	JAR		
3. Have all non-product lines been capped or removed?	JAR		
4. Have all liquid and accumulated sludges been removed from the tank?	SDT		
5. Has the tank been properly purged or inerted?			JAR
6. Have the drop tube, fill pipe, gauge pipe, pumps and other tank fixtures been removed?	JAR		
7. Have all tank openings been plugged or capped? NOTE: One plug should have 1/8 inch vent hole.	JAR		
8. Have all sludges removed from the tank been designated and disposed of in accordance with the state of Washington's dangerous waste regulations (Chapter 173-303 WAC)?	SDT		
9. If removed, was tank properly labeled and disposed of in accordance with all applicable local, state and federal regulations?	SDT		

\*Item not applicable

I hereby certify that I have been the licensed supervisor present on site during the above listed permanent closure activities and to the best of my knowledge they have been conducted in compliance with all applicable state and federal laws, regulations and procedures pertaining to underground storage tanks.

Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

August 23, 1993  
Date  
11/11/93

Daniel Riley  
Signature of Licensed Supervisor  
W. B. H.

**5. ADDITIONAL REQUIRED SIGNATURES**

11-22-93  
Date

Ronald E. Terch  
Signature of Licensed Service Provider (firm) Owner or Authorized Representative

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of Tank Owner or Authorized Representative



This page must be completed separately for each tank permanently closed (decommissioned) or change-in-service at the site. For additional tanks you may photocopy this form prior to completing.

**3. TANK CLOSURE/CHANGE-IN-SERVICE INFORMATION**

1. Tank ID Number (as registered with Ecology): 165-KW-E      2. Year installed: 1955
3. Tank capacity in gallons: 10,000      4. Date of last use: 1970
5. Last substance stored: Antifreeze      6. Date of closure/change-in-service: \_\_\_\_\_
7. Type of closure: Closure with Tank Removal       In-place Closure       Change-in-Service
8. If in-place closure is used, the tank has been filled with the following substance: N/A
9. If change-in-service, indicate new substance stored in tank: N/A
10. Local permit(s) (if any) obtained from: None
11. Has a site assessment been completed? Yes       No

Always contact local authorities regarding permit requirements.

Unless an external release detection system is operating at the time of closure or change in service, and a report is provided as specified in WAC 173-360-390, a site assessment must be conducted. This site assessment must be conducted by a person registered with the Department of Ecology to perform site assessments. Results of the site assessment must be included with the Site Assessment Checklist (ECY 010-158).

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3. Have all non-product lines been capped or removed?	JAR		
4. Have all liquid and accumulated sludges been removed from the tank?	SDT		
5. Has the tank been properly purged or inerted?			JAR
6. Have the drop tube, fill pipe, gauge pipe, pumps and other tank fixtures been removed?	JAR		
7. Have all tank openings been plugged or capped? NOTE: One plug should have 1/8 inch vent hole.	JAR		
8. Have all sludges removed from the tank been designated and disposed of in accordance with the state of Washington's dangerous waste regulations (Chapter 173-303 WAC)?	SDT		
9. If removed, was tank properly labeled and disposed of in accordance with all applicable local, state and federal regulations?	SDT		

\*Item not applicable

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Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

August 23, 1993  
Date  
11/11/93

Daniel Kiley  
Signature of Licensed Supervisor

**5. ADDITIONAL REQUIRED SIGNATURES**

11-22-93  
Date  
Date

Ronald E. Serch  
Signature of Licensed Service Provider (firm) Owner or Authorized Representative  
Signature of Tank Owner or Authorized Representative



# UNDERGROUND STORAGE TANK Permanent Closure/Change-In-Service Checklist

The purpose of this form is to certify the proper closure/change-in-service of underground storage tank (UST) systems. These activities must be conducted in accordance with Chapter 173.360 WAC. Washington State UST rules require the tank owner or operator to notify Ecology in writing 30 days prior to closure or change-in-service of tanks. This must be done by completing the 30 Day Notice form (ECY 010-155).

This Permanent Closure Checklist shall be completed and signed by a Licensed Decommissioning Supervisor. The supervisor shall be on site when all tank permanent closure/change-in-service activities are being conducted. The firm which employs the licensed supervisor shall also be licensed by the Washington State Department of Ecology as a Service Provider. If any of the activities listed below have been supervised by a different licensed supervisor, a separate checklist must be filled out and signed by the licensed supervisor performing those activities.

For further information about completing this form, please contact the Department of Ecology UST Program.

A separate checklist must be completed for each UST system (tank and associated piping), except that UST systems at one site may be reported together by completing page 2 of this form separately for each system. The completed checklist should be mailed to the following address within 30 days of the completion of the closure or change-in-service.

Underground Storage Tank Section  
Department of Ecology  
P. O. Box 47655  
Olympia, WA 98504-7655

## 1. UST SYSTEM OWNER AND LOCATION

Site Owner/Operator: U.S. Department of Energy - Richland Operations

Owners Address: 825 Jadwin 550  
Street P.O. Box

Richland WA 99352  
City State ZIP-Code

Telephone: ( 509 ) 376-7387

Site ID Number (on invoice or available from Ecology if tank is registered): 012763

Site/Business Name: U.S. Department of Energy - Richland Operations

Site Address: 825 Jadwin P.O. Box 550 Benton  
Street County

Richland WA 99352  
City State ZIP-Code

## 2. TANK PERMANENT CLOSURE/CHANGE-IN-SERVICE PERFORMED BY:

Firm: Westinghouse Hanford Company License Number: S001592

Address: 1970  
Street P.O. Box

Richland WA 99352  
City State ZIP-Code

Telephone: ( 509 ) 376-7411

Licensed Supervisor: Daniel Riley Decommissioning License Number: W000778  
SCOTT D. THOREN W002236

This page must be completed separately for each tank permanently closed (decommissioned) or change-in-service at the site. For additional tanks you may photocopy this form prior to completing.

**3. TANK CLOSURE/CHANGE-IN-SERVICE INFORMATION**

1. Tank ID Number (as registered with Ecology): 130-K-3A (Orphan tank, not registered) 2. Year installed: 1961
3. Tank capacity in gallons: 17,500 4. Date of last use: 1970
5. Last substance stored: Diesel 6. Date of closure/change-in-service: \_\_\_\_\_
7. Type of closure: Closure with Tank Removal  In-place Closure  Change-in-Service
8. If in-place closure is used, the tank has been filled with the following substance: N/A
9. If change-in-service, indicate new substance stored in tank: N/A
10. Local permit(s) (if any) obtained from: N/A

Always contact local authorities regarding permit requirements.

11. Has a site assessment been completed? Yes  No

Unless an external release detection system is operating at the time of closure or change in service, and a report is provided as specified in WAC 173-360-390, a site assessment must be conducted. This site assessment must be conducted by a person registered with the Department of Ecology to perform site assessments. Results of the site assessment must be included with the Site Assessment Checklist (ECY 010-158).

**4. CHECKLIST**

Each item of the following checklist shall be initialed by the licensed supervisor whose signature appears below.

	Yes	No	NA*
1. Has all liquid been removed from product lines?	JAR		
2. Has all product piping been capped or removed?	JAR		
3. Have all non-product lines been capped or removed?	JAR		
4. Have all liquid and accumulated sludges been removed from the tank?	11/5/93 SDT	JAR	
5. Has the tank been properly purged or inerted?	JAR		
6. Have the drop tube, fill pipe, gauge pipe, pumps and other tank fixtures been removed?	JAR		
7. Have all tank openings been plugged or capped? NOTE: One plug should have 1/8 inch vent hole.	JAR		
8. Have all sludges removed from the tank been designated and disposed of in accordance with the state of Washington's dangerous waste regulations (Chapter 173-303 WAC)?	11/5/93 SDT	JAR	
9. If removed, was tank properly labeled and disposed of in accordance with all applicable local, state and federal regulations?	JAR		

\*Item not applicable

I hereby certify that I have been the licensed supervisor present on site during the above listed permanent closure activities and to the best of my knowledge they have been conducted in compliance with all applicable state and federal laws, regulations and procedures pertaining to underground storage tanks.

Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

6-14-93  
Date  
11/11/93

Daniel Riley  
Signature of Licensed Supervisor

**5. ADDITIONAL REQUIRED SIGNATURES**

11-22-93  
Date

Ronald E. Serch  
Signature of Licensed Service Provider (firm) Owner or Authorized Representative

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of Tank Owner or Authorized Representative



# UNDERGROUND STORAGE TANK Permanent Closure/Change-in-Service Checklist

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Olympia, WA 98504-7655

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City State ZIP-Code

Telephone: ( 509 ) 376-7387

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Site/Business Name: U.S. Department of Energy - Richland Operations

Site Address: 825 Jadwin P.O. Box 550 Benton  
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Richland WA 99352  
City State ZIP-Code

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Firm: Westinghouse Hanford Company License Number: 5001592

Address: 1970  
Street P.O. Box  
Richland WA 99352  
City State ZIP-Code

Telephone: ( 509 ) 376-7411

Licensed Supervisor: Daniel Riley Decommissioning License Number: W000778  
Scott D. Thoren W002236

This page must be completed separately for each tank permanently closed (decommissioned) or change-in-service at the site. For additional tanks you may photocopy this form prior to completing.

### 3. TANK CLOSURE/CHANGE-IN-SERVICE INFORMATION

1. Tank ID Number (as registered with Ecology): 130-K-3B      2. Year installed: 1961
3. Tank capacity in gallons: 17,500      4. Date of last use: 1970
5. Last substance stored: Diesel      6. Date of closure/change-in-service: \_\_\_\_\_
7. Type of closure: Closure with Tank Removal       In-place Closure       Change-in-Service
8. If in-place closure is used, the tank has been filled with the following substance: N/A
9. If change-in-service, indicate new substance stored in tank: N/A
10. Local permit(s) (if any) obtained from: N/A

Always contact local authorities regarding permit requirements.

11. Has a site assessment been completed? Yes       No

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2. Has all product piping been capped or removed?	JAR		
3. Have all non-product lines been capped or removed?	JAR		
4. Have all liquid and accumulated sludges been removed from the tank? **	SDT		JAR 11/22/93
5. Has the tank been properly purged or inerted?	JAR		
6. Have the drop tube, fill pipe, gauge pipe, pumps and other tank fixtures been removed?	JAR		
7. Have all tank openings been plugged or capped? NOTE: One plug should have 1/8 inch vent hole.	JAR		
8. Have all sludges removed from the tank been designated and disposed of in accordance with the state of Washington's dangerous waste regulations (Chapter 173-303 WAC)? **	SDT		JAR 11/22/93
9. If removed, was tank properly labeled and disposed of in accordance with all applicable local, state and federal regulations?	JAR		

\*Item not applicable \*\* THESE ACTIVITIES WERE COMPLETED ON 11/5/93

I hereby certify that I have been the licensed supervisor present on site during the above listed permanent closure activities and to the best of my knowledge they have been conducted in compliance with all applicable state and federal laws, regulations and procedures pertaining to underground storage tanks.

Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

6-14-93

Date

Samuel Riley

Signature of Licensed Supervisor

11/11/93

### 5. ADDITIONAL REQUIRED SIGNATURES

11-22-93

Date

Ronald E. Terch

Signature of Licensed Service Provider (firm) Owner or Authorized Representative

Date

Signature of Tank Owner or Authorized Representative

## CORRESPONDENCE DISTRIBUTION COVERSHEET

Author	Addressee	Correspondence No.
J. D. Bauer, RL/ R. E. Lerch (S. D. Thoren, WHC)	D. C. Nylander, Ecology  (J. D. Bauer, RL)	Incoming 9400616  X Ref. 9359981D

subject: CLOSURE CHECKLISTS FOR UNDERGROUND STORAGE TANKS 165-KW-E, 165-KW-W,  
130-K-3A, AND 130-K-3B

### INTERNAL DISTRIBUTION

Approval	Date	Name	Location	w/att
		Correspondence Control	A3-01	
		President's Office	B3-01	
		M. C. Hughes	R2-81	
		R. L. Lerch	B3-63	
		P. J. Mackey	B3-15	
		H. E. McGuire, Level 1	B3-63	
		M. A. Mihalic	R2-77	
		P. D. Mix	H6-29	
		S. R. Moreno	B3-06	
		E. H. Smith	H6-22	
		S. D. Thoren	R2-77	
		T. M. Wintczak, Assignee	H6-27	
		EPIC	H6-08	