

## PAPERWORK REDUCTION ACT SUBMISSION

Please read the instructions before completing this form. For additional forms or assistance in completing this form, contact your agency's Paperwork Clearance Officer. Send two copies of this form, the collection instrument to be reviewed, the Supporting Statement, and any additional documentation to: **Office of Information and Regulatory Affairs, Office of Management and Budget, Docket Library, Room 10102, 725 17th Street NW, Washington, DC 20503.**

1. Agency/Subagency originating request <b>U.S. Nuclear Regulatory Commission</b>		2. OMB control number <input checked="" type="checkbox"/> a. <b>3150 - 0164</b> <input type="checkbox"/> b. None	
3. Type of information collection (check one) <input type="checkbox"/> a. New collection <input type="checkbox"/> b. Revision of a currently approved collection <input checked="" type="checkbox"/> c. Extension of a currently approved collection <input type="checkbox"/> d. Reinstatement, <b>without change</b> , of a previously approved collection for which approval has expired <input type="checkbox"/> e. Reinstatement, <b>with change</b> , of a previously approved collection for which approval has expired <input type="checkbox"/> f. Existing collection in use without an OMB control number		4. Type of review requested (check one) <input checked="" type="checkbox"/> a. Regular <input type="checkbox"/> c. Delegated <input type="checkbox"/> b. Emergency - Approval requested by (date): _____	
		5. Will this information collection have a significant economic impact on a substantial number of small entities? <input type="checkbox"/> a. Yes <input checked="" type="checkbox"/> b. No	
		6. Requested expiration date <input checked="" type="checkbox"/> a. Three years from approval date <input type="checkbox"/> b. Other (Specify): _____	
7. Title <b>Uniform Low-Level Radioactive Waste Manifest (Shipping Paper) and Continuation</b>			
8. Agency form number(s) (if applicable) <b>NRC Forms 540 and 540A</b>			
9. Keywords <b>Radioactive waste, transport, manifest, low-level waste management</b>			
10. Abstract <b>NRC Form 540 and continuation Form 540A were developed by NRC at the request of low-level waste industry groups. When completed, Form 540 contains information needed to satisfy DOT shipping paper requirements in 49 CFR Part 172 and the waste tracking requirements of NRC's 10 CFR Part 20.</b>			
11. Affected public (Mark primary with "P" and all others that apply with "X") <input type="checkbox"/> a. Individuals or households <input checked="" type="checkbox"/> b. Business or other for-profit <input checked="" type="checkbox"/> c. Not-for-profit institutions <input type="checkbox"/> d. Farms <input checked="" type="checkbox"/> e. Federal Government <input checked="" type="checkbox"/> f. State, Local or Tribal Government		12. Obligation to respond (Mark primary with "P" and all others that apply with "X") <input type="checkbox"/> a. Voluntary <input type="checkbox"/> b. Required to obtain or retain benefits <input checked="" type="checkbox"/> c. Mandatory	
13. Annual reporting and recordkeeping hour burden a. Number of respondents <u>2,500</u> b. Total annual responses <u>13,400</u> 1. Percentage of these responses collected electronically <u>100.0</u> % c. Total annual hours requested <u>2,238</u> d. Current OMB inventory <u>9,380</u> e. Difference <u>(7,142)</u> f. Explanation of difference 1. Program change _____ 2. Adjustment <u>(7,142)</u>		14. Annual reporting and recordkeeping cost burden (in thousands of dollars) a. Total annualized capital/startup costs <u>0</u> b. Total annual costs (O&M) <u>0</u> c. Total annualized cost requested <u>0</u> d. Current OMB inventory <u>0</u> e. Difference <u>0</u> f. Explanation of difference 1. Program change _____ 2. Adjustment _____	
15. Purpose of information collection (Mark primary with "P" and all others that apply with "X") <input type="checkbox"/> a. Application for benefits <input type="checkbox"/> b. Program evaluation <input type="checkbox"/> c. General purpose statistics <input type="checkbox"/> d. Audit <input type="checkbox"/> e. Program planning or management <input type="checkbox"/> f. Research <input checked="" type="checkbox"/> g. Regulatory or compliance		16. Frequency of recordkeeping or reporting (check all that apply) <input type="checkbox"/> a. Recordkeeping <input checked="" type="checkbox"/> b. Third-party disclosure <input checked="" type="checkbox"/> c. Reporting <input checked="" type="checkbox"/> 1. On occasion <input type="checkbox"/> 2. Weekly <input type="checkbox"/> 3. Monthly <input type="checkbox"/> 4. Quarterly <input type="checkbox"/> 5. Semi-annually <input type="checkbox"/> 6. Annually <input type="checkbox"/> 7. Biennially <input type="checkbox"/> 8. Other (describe) _____	
17. Statistical methods Does this information collection employ statistical methods? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		18. Agency contact (person who can best answer questions regarding the content of this submission) Name: <u>Jayne McCausland</u> Phone: <u>301-415-6219</u>	

## 19. Certification for Paperwork Reduction Act Submissions

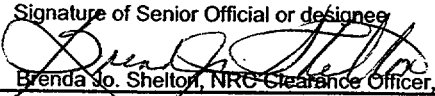
On behalf of this Federal agency, I certify that the collection of information encompassed by this request complies with 5 CFR 1320.9.

NOTE: The text of 5 CFR 1320.9, and the related provisions of 5 CFR 1320.8 (b) (3), appear at the end of the instructions. *The certification is to be made with reference to those regulatory provisions as set forth in the instructions.*

The following is a summary of the topics, regarding the proposed collection of information, that the certification covers:

- (a) It is necessary for the proper performance of agency functions;
- (b) It avoids unnecessary duplication;
- (c) It reduces burden on small entities;
- (d) It uses plain, coherent, and unambiguous terminology that is understandable to respondents;
- (e) Its implementation will be consistent and compatible with current reporting and recordkeeping practices;
- (f) It indicates the retention periods for recordkeeping requirements;
- (g) It informs respondents of the information called for under 5 CFR 1320.8 (b) (3):
  - (i) Why the information is being collected;
  - (ii) Use of information;
  - (iii) Burden estimate;
  - (iv) Nature of response (voluntary, required for a benefit, or mandatory);
  - (v) Nature of extent of confidentiality; and
  - (vi) Need to display currently valid OMB control number;
- (h) It was developed by an office that has planned and allocated resources for the efficient and effective management and use of the information to be collected (see note in Item 19 of the instructions);
- (i) It uses effective and efficient statistical survey methodology; and
- (j) It makes appropriate use of information technology.

If you are unable to certify compliance with any of these provisions, identify the item below and explain the reason in Item 18 of the Supporting Statement.

Signature of Authorized Agency Official	Date
 Brenda Jo. Shelton, NRC Clearance Officer, Office of the Chief Information Officer	Date 3/28/2011

FINAL OMB SUPPORTING STATEMENT FOR  
NRC FORMS 540 AND 540A  
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST (SHIPPING PAPER)  
AND  
NUREG/BR-0204, "INSTRUCTIONS FOR COMPLETING NRC'S  
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST"  
(3150-0164)

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EXTENSION REQUEST

Description of the Information Collection

Current industry practice requires standardized forms to meet Department of Transportation (DOT), NRC, and State requirements. NRC Form 540 is specifically designed to meet DOT requirements. Although DOT already requires the information, it does not require that it be completed on a Federal form.

NRC Form 540 and continuation Form 540A were developed by NRC at the request of low-level waste industry groups. When completed, Form 540 contains information needed to satisfy DOT shipping paper requirements in 49 CFR Part 172 and the waste tracking requirements of the NRC's 10 CFR Part 20. NUREG/BR-0204, Rev. 2, contains instructions for completing NRC Forms 540, 540A, 541, 541A, 542, and 542A.

A. JUSTIFICATION

1. Need for and Practical Utility of the Collection of Information

To meet existing regulations, each shipment of low-level waste (LLW) is currently accompanied by a manifest that describes the shipment contents as required in 10 CFR Part 20 and the DOT regulations in 49 CFR Part 172. Presently, there are three LLW disposal facilities in operation. The detailed information requested on Form 540 will enhance the ability of NRC and State regulatory agencies to control and safely regulate disposal of LLW. As of March 1, 1998, licensees must use NRC Form 540 and related forms pursuant to Appendix G of 10 CFR Part 20.

2. Agency Use of Information

The agency and States will require the information on Forms 540 and 540A to meet DOT shipping paper requirements and NRC tracking requirements.

3. Reduction of Burden through Information Technology

The Department of Energy (DOE) has developed software (LOW-TRACK) to allow licensees to prepare NRC Form 540 electronically and is making the software available free to licensees. However, DOT requires that shipping papers physically accompany the shipment. Therefore, the data for Form 540 cannot be transmitted between waste generators, brokers, and waste disposal facilities solely electronically, as is permitted with NRC Forms 541 and 542.

4. Effort to Identify Duplication and Use Similar Information

Duplication will be reduced by requiring all LLW shipments undertaken by various agencies to use the uniform NRC shipment manifest forms. There is no reasonable and economic way to obtain the information other than through the use of shipment manifests. NRC Form 540 replaces previously-used manifests.

5. Effort to Reduce Small Business Burden

The required information is necessary from all shippers of LLW. To the extent that small entities may make fewer waste shipments than larger entities, fewer manifests would be required of small entities and their burden would be proportionately less. DOE has developed free software (LOW-TRACK) for LLW shippers' use. NRC has evaluated this software to ensure that all regulatory requirements are met.

6. Consequences to Federal Program or Policy Activities if the Collection is Not Conducted or is Conducted Less Frequently

If the collection is not conducted at all or is conducted less frequently, NRC and State regulatory agencies will not be able to obtain information needed to control and safely regulate disposal of LLW.

7. Circumstances Which Justify Variation from OMB Guidelines

There are no variations from OMB guidelines.

8. Consultations Outside the NRC

Opportunity for public comment on the information collection requirements was published in the Federal Register on December 15, 2000 (65 FR 78515). One comment letter was received from Virginia Electric and Power Company (Dominion). The letter provided a favorable response to the specific questions raised by the Commission in the Federal Register notice. Specifically, in response to Question 1, the commenter stated that the information summarizes information on radioactive waste in a standard format and that standardization of the shipping manifest is of value to the utility. In response to Question 2, the commenter stated that the burden estimate is accurate. Finally, in response to Question 3, the commenter stated that there is no reason to make changes to the forms, and that they are comfortable with completing the forms as currently formatted.

9. Payment or Gift to Respondents

Not applicable.

10. Confidentiality of the Information

Not applicable. No confidential information is requested.

11. Justification for Sensitive Questions

This information collection does not involve sensitive questions.

12. Estimated Burden and Burden Hour Cost

It is estimated that 13,400 NRC Forms 540 will be processed annually by 2,500 licensees. The total industry burden for completion of the form will be 2,238 hours annually. The average burden to complete the form will be .2 hrs (2,238 hours ÷ 13,400 forms). Based on the availability of software (LOW-TRACK is free), it is estimated that almost all licensees prepare the manifests electronically. Professional personnel will complete this information. Therefore, total cost is estimated to be \$320,034 (2,238 hrs x \$143/hr).

13. Estimate of Other Additional Costs

There are no additional costs. For licensees required to complete Form 540, it is most likely that purchases of equipment and services were made: (1) prior to October 1, 1995, (2) to achieve regulatory compliance with requirements not associated with the information collection, (3) for reasons other than to provide information or keep records for the government, or (4) as part of customary and usual business or private practices.

14. Estimated Annualized Cost to the Federal Government

The estimated annual cost to the Federal Government will be approximately \$7,000 for manifest printing and distribution. This cost will be fully recovered through fee assessments to NRC licensees pursuant to 10 CFR Parts 170 and/or 171. The forms are not submitted to NRC.

15. Reasons for Changes in Burden or Cost

The DOE contractor (INEEL) has reassessed the results from the past 3 years and believes the re-estimate of the burden per response from 1.17 to .2 hours (8,000 to 13,400 responses) to be more realistic. The overall burden for NRC Forms 540 and 540A has decreased from 9,380 to 2,238 hours for a net reduction of 7,142 hours.

16. Publication for Statistical Use

None.

17. Reason for Not Displaying the Expiration Date

The expiration date will be displayed on the hardcopy form. However, the electronic version of Form 540, provided in software developed and distributed by DOE to allow licensees to prepare NRC Form 540 electronically, will not display an expiration date because it would not be possible to revise the expiration date after the diskettes have been distributed to licensees.

18. Exceptions to the Certification Statement

There are no exceptions.

B. COLLECTIONS OF INFORMATION EMPLOYING STATISTICAL METHODS

The collection of information does not employ statistical methods.

U. S. NUCLEAR REGULATORY COMMISSION

Agency Information Collection Activities: Proposed Collection; Comment request

AGENCY: U. S. Nuclear Regulatory Commission (NRC)

ACTION: Notice of the OMB review of information collection and solicitation of public comment

SUMMARY: The NRC has recently submitted to OMB for review the following proposal for the collection of information under the provisions of the Paperwork Reduction Act of 1995 (44 U.S.C. Chapter 35).

1. Type of submission, new, revision, or extension: Extension
2. The title of the information collection:
  - [3150-0164] NRC Forms 540 and 540A, "Uniform Low-Level Radioactive Waste Manifest (Shipping Paper) and Continuation Page"
  - [3150-0166] NRC Forms 541 and 541A, "Uniform Low-Level Radioactive Waste Manifest, Container and Waste Description, and Continuation Page"
  - [3150-0165] NRC Forms 542 and 542A, "Uniform Low-Level Radioactive Waste Manifest, Index and Regional Compact Tabulation"

3. The form number if applicable:  
NRC Forms 540, 540A, 541, 541A, 542, and 542A
4. How often the collection is required: Forms are used by shippers whenever radioactive waste is shipped. Quarterly reporting or less frequent is made to NRC depending on specific license conditions.
5. Who will be required or asked to report: All NRC-licensed low-level waste facilities. All generators, collectors, and processors of low-level waste intended for disposal at a low-level waste facility must complete the appropriate forms.
6. An estimate of the number of responses:  

NRC Form 540 and 540A:	13,400
NRC Form 541 and 541A:	13,400
NRC Form 542 and 542A:	756
7. The number of annual respondents:  

NRC Form 540 and 540A:	2,500 licensees
NRC Form 541 and 541A:	2,500 licensees
NRC Form 542 and 542A:	22 licensees

8. An estimate of the total number of hours needed annually to complete the requirement or request:
- |                        |                               |
|------------------------|-------------------------------|
| NRC Form 540 and 540A: | 2,238 (.2 hours per response) |
| NRC Form 541 and 541A: | 2,238 (.2 hours per response) |
| NRC Form 542 and 542A: | 126 (.2 hours per response)   |
9. An indication of whether Section 3507(d), Pub. L. 104-13 applies: Not applicable.
10. Abstract: NRC Forms 540, 541, and 542, together with their continuation pages, designated by the "A" suffix, provide a set of standardized forms to meet Department of Transportation (DOT), NRC, and State requirements. The forms were developed by NRC at the request of low-level waste industry groups. The forms provide uniformity and efficiency in the collection of information contained in manifests which are required to control transfers of low-level radioactive waste intended for disposal at a land disposal facility. NRC Form 540 contains information needed to satisfy DOT shipping paper requirements in 49 CFR Part 172 and the waste tracking requirements of NRC in 10 CFR Part 20. NRC Form 541 contains information needed by disposal site facilities to safely dispose of low-level waste and information to meet NRC and State requirements regulating these activities. NRC Form 542, completed by waste collectors or processors, contains information which facilitates tracking the identity of the waste generator. That tracking becomes more complicated when the waste forms, dimensions, or packagings are changed by the waste

processor. Each container of waste shipped from a waste processor may contain waste from several different generators. The information provided on NRC Form 542 permits the States and Compacts to know the original generators of low-level waste, as authorized by the Low-Level Radioactive Waste Policy Amendments Act of 1985, so they can ensure that waste is disposed of in the appropriate Compact.

A copy of the final supporting statement may be viewed free of charge at the NRC Public Document Room, One White Flint North, 11555 Rockville Pike, Room O-1F23, Rockville, MD 20852. OMB clearance requests are available at the NRC worldwide web site: <http://www.nrc.gov/NRC/PUBLIC/OMB/index.html>). The document will be available on the NRC home page site for 60 days after the signature date of this notice.

Comments and questions should be directed to the OMB reviewer by (insert date 30 days after publication in the Federal Register):

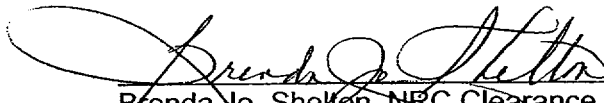
Amy Farrell  
Office of Information and Regulatory Affairs (3150-0164, 0165, & 0166)  
NEOB-10202  
Office of Management and Budget  
Washington, DC 20503

Comments can also be submitted by telephone at (202) 395-7318.

The NRC Clearance Officer is Brenda Jo. Shelton, (301) 415-7233.

Dated at Rockville, Maryland, this 28<sup>th</sup> day of March 2001.

For the Nuclear Regulatory Commission.

  
Brenda Jo. Shelton, NRC Clearance Officer  
Office of the Chief Information Officer

processor. Each container of waste shipped from a waste processor may contain waste from several different generators. The information provided on NRC Form 542 permits the States and Compacts to know the original generators of low-level waste, as authorized by the Low-Level Radioactive Waste Policy Amendments Act of 1985, so they can ensure that waste is disposed of in the appropriate Compact.

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Comments and questions should be directed to the OMB reviewer by (insert date 30 days after publication in the Federal Register):

Amy Farrell  
Office of Information and Regulatory Affairs (3150-0164, 0165, & 0166)  
NEOB-10202  
Office of Management and Budget  
Washington, DC 20503

Comments can also be submitted by telephone at (202) 395-7318.

The NRC Clearance Officer is Brenda Jo. Shelton, 301-415-7233.

Dated at Rockville, Maryland, this 28<sup>th</sup> day of March 2001.

For the Nuclear Regulatory Commission.

/RA/

Brenda Jo. Shelton, NRC Clearance Officer  
Office of the Chief Information Officer

DOCUMENT NAME: A:\2nd SS & FRN FORMS 540, 541, & 542

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

\*SEE PREVIOUS CONCURRENCES

OFFICE	NMSS/IMNS*	NMSS/IMNS*	NMSS/IMNS*	NMSS/DWM	OCIO/IRMB
NAME	JMMcCausland	MHaisfield	FACardile	TEssig	BJSelton
DATE	03/13/01	03/14/01	03/14/01	03/14/01	03/28/01

OFFICIAL RECORD COPY

NRC FORM 540 (MM-YYYY)

# UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

[illegible]

## PAPERWORK REDUCTION ACT SUBMISSION

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1. Agency/Subagency originating request <b>U.S. Nuclear Regulatory Commission</b>		2. OMB control number <input checked="" type="checkbox"/> a. <b>3150 - 0166</b> <input type="checkbox"/> b. None	
3. Type of information collection (check one) <input type="checkbox"/> a. New collection <input type="checkbox"/> b. Revision of a currently approved collection <input checked="" type="checkbox"/> c. Extension of a currently approved collection <input type="checkbox"/> d. Reinstatement, <b>without change</b> , of a previously approved collection for which approval has expired <input type="checkbox"/> e. Reinstatement, <b>with change</b> , of a previously approved collection for which approval has expired <input type="checkbox"/> f. Existing collection in use without an OMB control number		4. Type of review requested (check one) <input checked="" type="checkbox"/> a. Regular <input type="checkbox"/> c. Delegated <input type="checkbox"/> b. Emergency - Approval requested by (date): 5. Will this information collection have a significant economic impact on a substantial number of small entities? <input type="checkbox"/> a. Yes <input checked="" type="checkbox"/> b. No	
7. Title <b>Uniform Low-Level Radioactive Waste Manifest, Container and Waste Description and Continuation Page</b>		6. Requested expiration date <input checked="" type="checkbox"/> a. Three years from approval date <input type="checkbox"/> b. Other (Specify):	
8. Agency form number(s) (if applicable) <b>NRC Forms 541 and 541A</b>			
9. Keywords <b>Disposal of radioactive waste, transportation, low-level waste management</b>			
10. Abstract <b>NRC Form 541 and continuation Form 541A were developed by NRC at the request of low-level waste industry groups. When completed, Form 541 contains information needed by disposal site facilities to safely dispose of low-level waste and information to meet NRC and State requirements regulating these activities.</b>			
11. Affected public (Mark primary with "P" and all others that apply with "X") <input type="checkbox"/> a. Individuals or households <input checked="" type="checkbox"/> b. Business or other for-profit <input checked="" type="checkbox"/> c. Not-for-profit institutions <input type="checkbox"/> d. Farms <input checked="" type="checkbox"/> e. Federal Government <input checked="" type="checkbox"/> f. State, Local or Tribal Government		12. Obligation to respond (Mark primary with "P" and all others that apply with "X") <input type="checkbox"/> a. Voluntary <input type="checkbox"/> b. Required to obtain or retain benefits <input checked="" type="checkbox"/> c. Mandatory	
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## 19. Certification for Paperwork Reduction Act Submissions

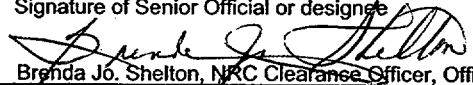
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- (b) It avoids unnecessary duplication;
- (c) It reduces burden on small entities;
- (d) It uses plain, coherent, and unambiguous terminology that is understandable to respondents;
- (e) Its implementation will be consistent and compatible with current reporting and recordkeeping practices;
- (f) It indicates the retention periods for recordkeeping requirements;
- (g) It informs respondents of the information called for under 5 CFR 1320.8 (b) (3):
  - (i) Why the information is being collected;
  - (ii) Use of information;
  - (iii) Burden estimate;
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Signature of Authorized Agency Official	Date
 Brenda Jo. Shelton, NRC Clearance Officer, Office of the Chief Information Officer	3/28/2011

FINAL OMB SUPPORTING STATEMENT FOR  
NRC FORMS 541 AND 541A  
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST  
CONTAINER AND WASTE DESCRIPTION  
(3150-0166)

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EXTENSION REQUEST

Description of the Information Collection

Current industry practice requires standardized forms to meet Department of Transportation (DOT), NRC, and State requirements. Although DOT already requires the information, it does not require that it be completed on a Federal form.

NRC Form 541 and continuation Form 541A were developed by NRC at the request of low-level waste industry groups. When completed, Form 541 contains information needed by disposal site facilities to safely dispose of low-level waste (LLW) and information to meet NRC and State requirements regulating these activities. NUREG/BR-0204, Rev. 2, contains instructions for completing NRC Forms 540, 540A, 541, 541A, 542, and 542A.

A. JUSTIFICATION

1. Need for and Practical Utility of the Collection of Information

To meet existing regulations, each shipment of LLW is currently accompanied by a manifest that describes the shipment contents as required in 10 CFR Part 20 and the DOT regulations in 49 CFR Part 172. Presently, there are three LLW disposal facilities in operation. The detailed information requested on Form 541 will enhance the ability of NRC and State regulatory agencies to control and safely regulate disposal of LLW. As of March 1, 1998, licensees must use specified NRC forms, including NRC Form 541, pursuant to Appendix G to 10 CFR Part 20.

2. Agency Use of Information

The agency and States will require the information on Forms 541 and 541A to control and safely regulate disposal of LLW.

3. Reduction of Burden through Information Technology

There are no legal obstacles to the use of information technology. NRC has structured the forms so that LLW generators may transmit the information electronically to either waste brokers or the LLW disposal site facility on a voluntary basis for their convenience. The Department of Energy (DOE) has developed software (LOW-TRACK) to allow licensees to transmit NRC Form 541 electronically and is making the software available free to licensees. The information is not transmitted to NRC.

4. Effort to Identify Duplication and Use Similar Information

Duplication will be reduced by requiring all LLW shipments undertaken by various agencies to use the uniform NRC shipment manifest forms. There is no reasonable and economic way to obtain the information other than through the use of shipment manifests. NRC Form 541 replaces previously-used manifests.

5. Effort to Reduce Small Business Burden

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6. Consequences to Federal Program or Policy Activities if the Collection is Not Conducted or is Conducted Less Frequently

If the collection is not conducted at all or is conducted less frequently, NRC and State regulatory agencies will not be able to obtain information needed to control and safely regulate disposal of LLW.

7. Circumstances Which Justify Variation from OMB Guidelines

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8. Consultations Outside the NRC

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9. Payment or Gift to Respondents

Not applicable.

10. Confidentiality of the Information

Not applicable. No confidential information is requested.

11. Justification for Sensitive Questions

This information collection does not involve sensitive questions.

12. Estimated Burden and Burden Hour Cost

It is estimated that 13,400 NRC Forms 541 will be processed annually by 2,500 licensees. The total industry burden for completion of the form will be 19,779 hours (17,541 hours for surveying and weighing 150,000 containers and 2,238 hours for recording the information). The average burden to complete the form will be .2 hours (2,238 hours ÷ 13,400 forms). Nonprofessional personnel (17,541 x \$60/hr = \$1,052,460) will complete the surveying and weighing, and professional personnel (2,238 x \$143/hr = \$320,034) will complete the manifest electronically. Therefore, total cost is estimated to be \$1,372,494.

13. Estimate of Other Additional Costs

There are no additional costs. For licensees required to complete Form 541, it is most likely that purchases of equipment and services were made: (1) prior to October 1, 1995, (2) to achieve regulatory compliance with requirements not associated with the information collection, (3) for reasons other than to provide information or keep records for the government, or (4) as part of customary and usual business or private practices.

14. Estimated Annualized Cost to the Federal Government

The estimated annual cost to the Federal Government will be approximately \$7,000 for manifest printing and distribution. This cost will be fully recovered through fee assessments to NRC licensees pursuant to 10 CFR Parts 170 and/or 171. The forms are not submitted to NRC.

15. Reasons for Changes in Burden or Cost

The DOE contractor (INEEL) has reassessed the results from the past 3 years and believes the re-estimate of the burden per response from 5.43 to .2 hours (8,000 to 13,400 responses) to be more realistic. The overall burden for NRC Forms 541 and 541A has decreased from 43,463 to 2,238 hours for a net reduction of 41,225 hours.

16. Publication for Statistical Use:      None.

17. Reason for Not Displaying the Expiration Date

The expiration date will be displayed on the hardcopy form. However, the electronic version of Form 541, provided in software developed and distributed by DOE to allow licensees to transmit NRC Form 541 electronically, will not display an

expiration date because it would not be possible to revise the expiration date after the diskettes have been distributed to licensees.

18. Exceptions to the Certification Statement

There are no exceptions.

B. COLLECTIONS OF INFORMATION EMPLOYING STATISTICAL METHODS

The collection of information does not employ statistical methods.

U. S. NUCLEAR REGULATORY COMMISSION

Agency Information Collection Activities: Proposed Collection; Comment request

AGENCY: U. S. Nuclear Regulatory Commission (NRC)

ACTION: Notice of the OMB review of information collection and solicitation of public comment

SUMMARY: The NRC has recently submitted to OMB for review the following proposal for the collection of information under the provisions of the Paperwork Reduction Act of 1995 (44 U.S.C. Chapter 35).

1. Type of submission, new, revision, or extension: Extension
2. The title of the information collection:
  - [3150-0164] NRC Forms 540 and 540A, "Uniform Low-Level Radioactive Waste Manifest (Shipping Paper) and Continuation Page"
  - [3150-0166] NRC Forms 541 and 541A, "Uniform Low-Level Radioactive Waste Manifest, Container and Waste Description, and Continuation Page"
  - [3150-0165] NRC Forms 542 and 542A, "Uniform Low-Level Radioactive Waste Manifest, Index and Regional Compact Tabulation"

3. The form number if applicable:  
NRC Forms 540, 540A, 541, 541A, 542, and 542A
4. How often the collection is required: Forms are used by shippers whenever radioactive waste is shipped. Quarterly reporting or less frequent is made to NRC depending on specific license conditions.
5. Who will be required or asked to report: All NRC-licensed low-level waste facilities. All generators, collectors, and processors of low-level waste intended for disposal at a low-level waste facility must complete the appropriate forms.
6. An estimate of the number of responses:  

NRC Form 540 and 540A:	13,400
NRC Form 541 and 541A:	13,400
NRC Form 542 and 542A:	756
7. The number of annual respondents:  

NRC Form 540 and 540A:	2,500 licensees
NRC Form 541 and 541A:	2,500 licensees
NRC Form 542 and 542A:	22 licensees

8. An estimate of the total number of hours needed annually to complete the requirement or request:

NRC Form 540 and 540A: 2,238 (.2 hours per response)

NRC Form 541 and 541A: 2,238 (.2 hours per response)

NRC Form 542 and 542A: 126 (.2 hours per response)

9. An indication of whether Section 3507(d), Pub. L. 104-13 applies: Not applicable.

10. Abstract: NRC Forms 540, 541, and 542, together with their continuation pages, designated by the "A" suffix, provide a set of standardized forms to meet Department of Transportation (DOT), NRC, and State requirements. The forms were developed by NRC at the request of low-level waste industry groups. The forms provide uniformity and efficiency in the collection of information contained in manifests which are required to control transfers of low-level radioactive waste intended for disposal at a land disposal facility. NRC Form 540 contains information needed to satisfy DOT shipping paper requirements in 49 CFR Part 172 and the waste tracking requirements of NRC in 10 CFR Part 20. NRC Form 541 contains information needed by disposal site facilities to safely dispose of low-level waste and information to meet NRC and State requirements regulating these activities. NRC Form 542, completed by waste collectors or processors, contains information which facilitates tracking the identity of the waste generator. That tracking becomes more complicated when the waste forms, dimensions, or packagings are changed by the waste

processor. Each container of waste shipped from a waste processor may contain waste from several different generators. The information provided on NRC Form 542 permits the States and Compacts to know the original generators of low-level waste, as authorized by the Low-Level Radioactive Waste Policy Amendments Act of 1985, so they can ensure that waste is disposed of in the appropriate Compact.

A copy of the final supporting statement may be viewed free of charge at the NRC Public Document Room, One White Flint North, 11555 Rockville Pike, Room O-1F23, Rockville, MD 20852. OMB clearance requests are available at the NRC worldwide web site: <http://www.nrc.gov/NRC/PUBLIC/OMB/index.html>). The document will be available on the NRC home page site for 60 days after the signature date of this notice.

Comments and questions should be directed to the OMB reviewer by (insert date 30 days after publication in the Federal Register):

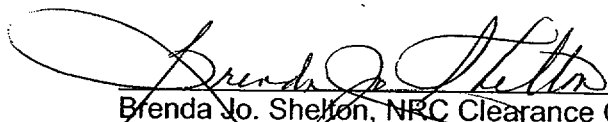
Amy Farrell  
Office of Information and Regulatory Affairs (3150-0164, 0165, & 0166)  
NEOB-10202  
Office of Management and Budget  
Washington, DC 20503

Comments can also be submitted by telephone at (202) 395-7318.

The NRC Clearance Officer is Brenda Jo. Shelton, (301) 415-7233.

Dated at Rockville, Maryland, this 28<sup>th</sup> day of March 2001.

For the Nuclear Regulatory Commission.

  
Brenda Jo. Shelton, NRC Clearance Officer  
Office of the Chief Information Officer

processor. Each container of waste shipped from a waste processor may contain waste from several different generators. The information provided on NRC Form 542 permits the States and Compacts to know the original generators of low-level waste, as authorized by the Low-Level Radioactive Waste Policy Amendments Act of 1985, so they can ensure that waste is disposed of in the appropriate Compact.

A copy of the final supporting statement may be viewed free of charge at the NRC Public Document Room, One White Flint North, 11555 Rockville Pike, Room O-1F23, Rockville, MD 20852. OMB clearance requests are available at the NRC worldwide web site: <http://www.nrc.gov/NRC/PUBLIC/OMB/index.html>). The document will be available on the NRC home page site for 60 days after the signature date of this notice.

Comments and questions should be directed to the OMB reviewer by (insert date 30 days after publication in the Federal Register):

Amy Farrell  
Office of Information and Regulatory Affairs (3150-0164, 0165, & 0166)  
NEOB-10202  
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Washington, DC 20503

Comments can also be submitted by telephone at (202) 395-7318.

The NRC Clearance Officer is Brenda Jo. Shelton, 301-415-7233.

Dated at Rockville, Maryland, this 28<sup>th</sup> day of March 2001.

For the Nuclear Regulatory Commission.

/RA/

Brenda Jo. Shelton, NRC Clearance Officer  
Office of the Chief Information Officer

DOCUMENT NAME: A:\2nd SS & FRN FORMS 540, 541, & 542

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

\*SEE PREVIOUS CONCURRENCES

OFFICE	NMSS/IMNS*	NMSS/IMNS*	NMSS/IMNS*	NMSS/DWM	OCIO/IRMB
NAME	JMMcCausland	MHaisfield	FACardile	TEssig	BJShelton
DATE	03/13/01	03/14/01	03/14/01	03/14/01	03/28/01

OFFICIAL RECORD COPY

NRC FORM 541  
(MM-YYYY)

U.S. NUCLEAR REGULATORY COMMISSION

UNIFORM LOW-LEVEL RADIOACTIVE  
WASTE MANIFEST

CONTAINER AND WASTE DESCRIPTION

Additional Nuclear Regulatory Commission (NRC) Requirements for Control, Transfer and Disposal of Radioactive Waste

1. MANIFEST TOTALS

NUMBER OF PACKAGES/ DISPOSAL CONTAINERS	NET WASTE VOLUME (m <sup>3</sup> )	NET WASTE WEIGHT (kg)	SPECIAL NUCLEAR MATERIAL (grams)			
			U-233	U-235	Pu	TOTAL
ACTIVITY (MBq)						SOURCE (kg)
ALL NUCLIDES		TRITIUM	C-14	Tc-99	I-129	

2. MANIFEST NUMBER

3. PAGE \_\_\_\_\_ OF \_\_\_\_\_ PAGE(S)

4. SHIPPER NAME

SHIPPER I.D. NUMBER

DISPOSAL CONTAINER DESCRIPTION

5. CONTAINER IDENTIFICATION NUMBER/ GENERATOR ID NUMBER(S)	6. CONTAINER DESCRIPTION (See Note 1)	7. VOLUME (m <sup>3</sup> )	8. WASTE AND CONTAINER WEIGHT (kg)	9. SURFACE RADIATION LEVEL <input type="checkbox"/> (μSv/hr) <input type="checkbox"/> (mSv/hr)	10. SURFACE CONTAMINATION MBq/100cm <sup>2</sup> ALPHABETA-GAMMA	

WASTE DESCRIPTION FOR EACH WASTE TYPE IN CONTAINER

11. PHYSICAL DESCRIPTION			14. CHEMICAL DESCRIPTION	15. RADIOLOGICAL DESCRIPTION	16. WASTE CLASSIFICATION AS-Class A Stable AU-Class A Unstable B-Class B C-Class C
11. WASTE DESCRIPTION (See Note 2)	12. APPROXIMATE WASTE VOLUME(S) IN CONTAINER	13. SORBENT SOLIDIFICATION, STABILIZATION, MEDIA (See Note 3)	CHEMICAL FORM/ CHELATING AGENT WEIGHT % CHELATING AGENT IF > 0.1%	INDIVIDUAL RADIONUCLIDES AND ACTIVITY (MBq) AND CONTAINER TOTAL; OR CONTAINER TOTAL ACTIVITY AND RADIONUCLIDE PERCENT	

NOTE 1: Container Description Codes. For containers/ waste requiring disposal in approved structural overpacks, the numerical code must be followed by "-OP."

1. Wooden Box or Crate

2. Metal Box

3. Plastic Drum or Pail

4. Metal Drum or Pail

5. Metal Tank or Liner

6. Concrete Tank or Liner

7. Polyethylene Tank or Liner

8. Fiberglass Tank or Liner

9. Demineralizer

10. Gas Cylinder

11. Bulk Unpackaged Waste

12. Unpackaged Components

13. High Integrity Container

19. Other. Describe in item 6, or additional page

NOTE 2: Waste Descriptor Codes. (Choose up to three which predominate by volume.)

20. Charcoal

21. Incinerator Ash

22. Soil

23. Gas

24. Oil

25. Aqueous Liquid

26. Filter Media

27. Mechanical Filter

28. EPA or State Hazardous

29. Demolition Rubble

30. Cation Ion-exchange Media

31. Anion Ion-exchange Media

32. Mixed Bed Ion-exchange Media

33. Contaminated Equipment

34. Organic Liquid (except oil)

35. Glassware or Labware

36. Sealed Source/Device

37. Paint or Plating

38. Evaporator Bottoms/Sludges/Concentrates

39. Compactible Trash

40. Noncompactible Trash

41. Animal Carcass

42. Biological Material (except animal carcass)

43. Activated Material

59. Other. Describe in item 11, or additional page

NOTE 3: For solidification media that meet disposal site structural stability requirements, the numerical code must be followed by "-S." For all solidification media, the vendor (manufacturer) and brand name must also be identified in item 13. Code 100=NONE REQUIRED.

Sorption

60. Speedi Dri

61. Celetom

62. Floor Dry/ Superfine

63. Hi Dri

64. Safe T Sorb

65. Safe N Dri

66. Florco

67. Florco X

68. Solid A Sorb

69. Chemsil 30

70. Chemsil 50

71. Chemsil 3030

72. Dicaperl HP200

73. Dicaperl HP500

74. Petroset

75. Petroset II

76. Aquaset

77. Aquaset II

89. Other. Describe in item 13, or additional page

Solidification

90. Cement

91. Concrete (encapsulation)

92. Bitumen

93. Vinyl Chloride

94. Vinyl Ester Styrene

99. Other. Describe in item 13, or additional page

100. None Required

NRC FORM 541 (MM-YYYY)

# UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

**CONTAINER AND WASTE DESCRIPTION (CONTINUATION)**

3. PAGE \_\_\_\_\_ OF \_\_\_\_\_ PAGE(S)

[illegible]

## PAPERWORK REDUCTION ACT SUBMISSION

Please read the instructions before completing this form. For additional forms or assistance in completing this form, contact your agency's Paperwork Clearance Officer. Send two copies of this form, the collection instrument to be reviewed, the Supporting Statement, and any additional documentation to: **Office of Information and Regulatory Affairs, Office of Management and Budget, Docket Library, Room 10102, 725 17th Street NW, Washington, DC 20503.**

1. Agency/Subagency originating request <b>U.S. Nuclear Regulatory Commission</b>		2. OMB control number <input checked="" type="checkbox"/> a. <b>3150 - 0165</b> <input type="checkbox"/> b. None	
3. Type of information collection (check one) <input type="checkbox"/> a. New collection <input type="checkbox"/> b. Revision of a currently approved collection <input checked="" type="checkbox"/> c. Extension of a currently approved collection <input type="checkbox"/> d. Reinstatement, <b>without change</b> , of a previously approved collection for which approval has expired <input type="checkbox"/> e. Reinstatement, <b>with change</b> , of a previously approved collection for which approval has expired <input type="checkbox"/> f. Existing collection in use without an OMB control number		4. Type of review requested (check one) <input checked="" type="checkbox"/> a. Regular <input type="checkbox"/> c. Delegated <input type="checkbox"/> b. Emergency - Approval requested by (date): 5. Will this information collection have a significant economic impact on a substantial number of small entities? <input type="checkbox"/> a. Yes <input checked="" type="checkbox"/> b. No	
		6. Requested expiration date <input checked="" type="checkbox"/> a. Three years from approval date <input type="checkbox"/> b. Other (Specify):	
7. Title <b>Uniform Low-Level Radioactive Waste Manifest, Manifest Index and Regional Compact Tabulation</b>			
8. Agency form number(s) (if applicable) <b>NRC Forms 542 and 542A</b>			
9. Keywords <b>Waste generators, processed waste, facility site, compact region, processor</b>			
10. Abstract <b>NRC Form 542 and continuation Form 542A were developed by NRC at the request of low-level waste industry groups. These forms are completed by waste collectors or processors. Tracking the identity of waste generators becomes complicated when the waste forms, dimension, or packaging are changed by the waste processor. All waste generators are listed on NRC Forms 542 and 542A.</b>			
11. Affected public (Mark primary with "P" and all others that apply with "X") <input type="checkbox"/> a. Individuals or households <input type="checkbox"/> d. Farms <input checked="" type="checkbox"/> b. Business or other for-profit <input checked="" type="checkbox"/> e. Federal Government <input checked="" type="checkbox"/> c. Not-for-profit institutions <input checked="" type="checkbox"/> f. State, Local or Tribal Government		12. Obligation to respond (Mark primary with "P" and all others that apply with "X") <input type="checkbox"/> a. Voluntary <input type="checkbox"/> b. Required to obtain or retain benefits <input checked="" type="checkbox"/> c. Mandatory	
13. Annual reporting and recordkeeping hour burden a. Number of respondents <u>22</u> b. Total annual responses <u>756</u> 1. Percentage of these responses collected electronically <u>100.0</u> % c. Total annual hours requested <u>126</u> d. Current OMB inventory <u>260</u> e. Difference <u>(134)</u> f. Explanation of difference 1. Program change 2. Adjustment <u>(134)</u>		14. Annual reporting and recordkeeping cost burden (in thousands of dollars) a. Total annualized capital/startup costs <u>0</u> b. Total annual costs (O&M) <u>0</u> c. Total annualized cost requested <u>0</u> d. Current OMB inventory <u>0</u> e. Difference <u>0</u> f. Explanation of difference 1. Program change 2. Adjustment	
15. Purpose of information collection (Mark primary with "P" and all others that apply with "X") <input type="checkbox"/> a. Application for benefits <input type="checkbox"/> e. Program planning or management <input type="checkbox"/> b. Program evaluation <input type="checkbox"/> f. Research <input type="checkbox"/> c. General purpose statistics <input checked="" type="checkbox"/> g. Regulatory or compliance <input type="checkbox"/> d. Audit		16. Frequency of recordkeeping or reporting (check all that apply) <input type="checkbox"/> a. Recordkeeping <input checked="" type="checkbox"/> b. Third-party disclosure <input checked="" type="checkbox"/> c. Reporting <input checked="" type="checkbox"/> 1. On occasion <input type="checkbox"/> 2. Weekly <input type="checkbox"/> 3. Monthly <input type="checkbox"/> 4. Quarterly <input type="checkbox"/> 5. Semi-annually <input type="checkbox"/> 6. Annually <input type="checkbox"/> 7. Biennially <input type="checkbox"/> 8. Other (describe)	
17. Statistical methods Does this information collection employ statistical methods? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		18. Agency contact (person who can best answer questions regarding the content of this submission) Name: <u>Jayne McCausland</u> Phone: <u>301-415-6219</u>	

## 19. Certification for Paperwork Reduction Act Submissions

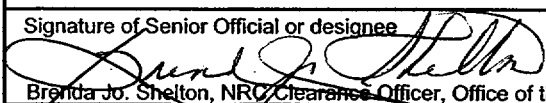
On behalf of this Federal agency, I certify that the collection of information encompassed by this request complies with 5 CFR 1320.9.

NOTE: The text of 5 CFR 1320.9, and the related provisions of 5 CFR 1320.8 (b) (3), appear at the end of the instructions. *The certification is to be made with reference to those regulatory provisions as set forth in the instructions.*

The following is a summary of the topics, regarding the proposed collection of information, that the certification covers:

- (a) It is necessary for the proper performance of agency functions;
- (b) It avoids unnecessary duplication;
- (c) It reduces burden on small entities;
- (d) It uses plain, coherent, and unambiguous terminology that is understandable to respondents;
- (e) Its implementation will be consistent and compatible with current reporting and recordkeeping practices;
- (f) It indicates the retention periods for recordkeeping requirements;
- (g) It informs respondents of the information called for under 5 CFR 1320.8 (b) (3):
  - (i) Why the information is being collected;
  - (ii) Use of information;
  - (iii) Burden estimate;
  - (iv) Nature of response (voluntary, required for a benefit, or mandatory);
  - (v) Nature of extent of confidentiality; and
  - (vi) Need to display currently valid OMB control number;
- (h) It was developed by an office that has planned and allocated resources for the efficient and effective management and use of the information to be collected (see note in Item 19 of the instructions);
- (i) It uses effective and efficient statistical survey methodology; and
- (j) It makes appropriate use of information technology.

If you are unable to certify compliance with any of these provisions, identify the item below and explain the reason in Item 18 of the Supporting Statement.

Signature of Authorized Agency Official	Date
Signature of Senior Official or designee  Brenda Jo. Shelton, NRC Clearance Officer, Office of the Chief Information Officer	Date 3/28/2001

FINAL OMB SUPPORTING STATEMENT FOR  
NRC FORMS 542 AND 542A  
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST  
INDEX AND REGIONAL COMPACT TABULATION  
(3150-0165)

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EXTENSION REQUEST

Description of the Information Collection

Current industry practice requires standardized forms to meet Department of Transportation (DOT), NRC, and State requirements. NRC Form 542 is specifically designed to provide the means to meet the authority of the Low-Level Radioactive Waste Policy Amendments Act of 1985. Although DOT already requires the information, it does not require that it be completed on a Federal form. NUREG/BR-0204, Rev. 2, contains instructions for completing NRC Forms 540, 540A, 541, 541A, 542, and 542A.

NRC Form 542 and continuation Form 542A were developed by NRC at the request of low-level waste industry groups. These forms are completed by waste collectors or processors. Tracking the identity of the waste generator becomes more complicated when the waste forms, dimensions, or packagings are changed by the waste processor. Each container of waste shipped from a waste processor may contain waste from several different generators. This information is listed on NRC Forms 542 and 542A.

A. JUSTIFICATION

1. Need for and Practical Utility of the Collection of Information

To meet existing regulations, each shipment of low-level waste (LLW) is currently accompanied by a manifest that describes the shipment contents as required in 10 CFR Part 20 and the DOT regulations in 49 CFR Part 172. Presently, there are three LLW disposal facilities in operation. The detailed information requested on Form 542 will enhance the ability of NRC and State regulatory agencies to control and safely regulate disposal of LLW. As of March 1, 1998, licensees must use specified NRC forms, including NRC Form 542, pursuant to Appendix G to 10 CFR Part 20.

2. Agency Use of Information

The agency will require the information on Forms 542 and 542A to ensure that States and Compacts know the original generators of LLW, as authorized by the Low-Level Radioactive Waste Policy Amendments Act of 1985, so that the waste is disposed of in the appropriate Compact.

3. Reduction of Burden through Information Technology

There are no legal obstacles to the use of information technology. NRC has structured the forms so that LLW generators may transmit the information electronically to either waste brokers or the LLW disposal site facility on a voluntary basis for their convenience. The Department of Energy (DOE) has developed

software (LOW-TRACK) to allow licensees to transmit NRC Form 542 electronically and is making the software available free to licensees. The information is not transmitted to NRC.

4. Effort to Identify Duplication and Use Similar Information

Duplication will be reduced by requiring all LLW shipments undertaken by various agencies to use the uniform NRC shipment manifest forms. There is no reasonable and economic way to obtain the information other than through the use of shipment manifests. NRC Form 542 replaces previously-used manifests.

5. Effort to Reduce Small Business Burden

The required information is necessary from all shippers of LLW. To the extent that small entities may make fewer waste shipments than larger entities, fewer manifests would be required of small entities and their burden would be proportionately less. DOE has developed free software (LOW-TRACK) for LLW shippers' use. NRC has evaluated this software to ensure that all regulatory requirements are met.

6. Consequences to Federal Program or Policy Activities if the Collection is Not Conducted or is Conducted Less Frequently

If the collection is not conducted at all or is conducted less frequently, NRC and State regulatory agencies will not be able to obtain information needed to control and safely regulate disposal of LLW.

7. Circumstances Which Justify Variation from OMB Guidelines

There are no variations from OMB guidelines.

8. Consultations Outside the NRC

Opportunity for public comment on the information collection requirements was published in the Federal Register on December 15, 2000 (65 FR 78515). One comment letter was received from Virginia Electric and Power Company (Dominion). The letter provided a favorable response to the specific questions raised by the Commission in the Federal Register notice. Specifically, in response to Question 1, the commenter stated that the information summarizes information on radioactive waste in a standard format and that standardization of the shipping manifest is of value to the utility. In response to Question 2, the commenter stated that the burden estimate is accurate. Finally, in response to Question 3, the commenter stated that there is no reason to make changes to the forms, and that they are comfortable with completing the forms as currently formatted.

9. Payment or Gift to Respondents

Not applicable.

10. Confidentiality of the Information

Not applicable. No confidential information is requested.

11. Justification for Sensitive Questions

This information collection does not involve sensitive questions.

12. Estimated Burden and Burden Hour Cost

It is estimated that 756 NRC Forms 542 will be processed annually by 22 licensees. Only collectors/processors complete this form. The total industry burden for completion of the form will be 126 hours annually. The average burden to complete the form will be .2 hrs (126 hours ÷ 756 forms). Professional personnel will complete this information. Therefore, total cost is estimated to be \$18,018 (126 hrs x \$143/hr).

13. Estimate of Other Additional Costs

There are no additional costs. For licensees required to complete Form 542, it is most likely that purchases of equipment and services were made: (1) prior to October 1, 1995, (2) to achieve regulatory compliance with requirements not associated with the information collection, (3) for reasons other than to provide information or keep records for the government, or (4) as part of customary and usual business or private practices.

14. Estimated Annualized Cost to the Federal Government

The estimated annual cost to the Federal Government will be approximately \$1,000 for manifest printing and distribution. This cost will be fully recovered through fee assessments to NRC licensees pursuant to 10 CFR Parts 170 and/or 171. The forms are not submitted to NRC.

15. Reasons for Changes in Burden or Cost

The DOE contractor (INEEL) has reassessed the results from the past 3 years and believes the re-estimate of the burden per response from .5 to .2 hours (600 to 756 responses) to be more realistic. The overall burden for NRC Forms 542 and 542A has decreased from 260 to 126 hours for a net reduction of 134 hours.

16. Publication for Statistical Use

None.

17. Reason for Not Displaying the Expiration Date

The expiration date will be displayed on the hardcopy form. However, the electronic version of Form 542, provided in software developed and distributed by DOE to allow licensees to transmit NRC Form 542 electronically, will not display an expiration date because it would not be possible to revise the expiration date after the diskettes have been distributed to licensees.

18. Exceptions to the Certification Statement

There are no exceptions.

B. COLLECTIONS OF INFORMATION EMPLOYING STATISTICAL METHODS

The collection of information does not employ statistical methods.

U. S. NUCLEAR REGULATORY COMMISSION

Agency Information Collection Activities: Proposed Collection; Comment request

AGENCY: U. S. Nuclear Regulatory Commission (NRC)

ACTION: Notice of the OMB review of information collection and solicitation of public comment

SUMMARY: The NRC has recently submitted to OMB for review the following proposal for the collection of information under the provisions of the Paperwork Reduction Act of 1995 (44 U.S.C. Chapter 35).

1. Type of submission, new, revision, or extension: Extension
2. The title of the information collection:
  - [3150-0164] NRC Forms 540 and 540A, "Uniform Low-Level Radioactive Waste Manifest (Shipping Paper) and Continuation Page"
  - [3150-0166] NRC Forms 541 and 541A, "Uniform Low-Level Radioactive Waste Manifest, Container and Waste Description, and Continuation Page"
  - [3150-0165] NRC Forms 542 and 542A, "Uniform Low-Level Radioactive Waste Manifest, Index and Regional Compact Tabulation"

3. The form number if applicable:  
NRC Forms 540, 540A, 541, 541A, 542, and 542A
4. How often the collection is required: Forms are used by shippers whenever radioactive waste is shipped. Quarterly reporting or less frequent is made to NRC depending on specific license conditions.
5. Who will be required or asked to report: All NRC-licensed low-level waste facilities. All generators, collectors, and processors of low-level waste intended for disposal at a low-level waste facility must complete the appropriate forms.
6. An estimate of the number of responses:  

NRC Form 540 and 540A:	13,400
NRC Form 541 and 541A:	13,400
NRC Form 542 and 542A:	756
7. The number of annual respondents:  

NRC Form 540 and 540A:	2,500 licensees
NRC Form 541 and 541A:	2,500 licensees
NRC Form 542 and 542A:	22 licensees

8. An estimate of the total number of hours needed annually to complete the requirement or request:  

NRC Form 540 and 540A:	2,238 (.2 hours per response)
NRC Form 541 and 541A:	2,238 (.2 hours per response)
NRC Form 542 and 542A:	126 (.2 hours per response)
9. An indication of whether Section 3507(d), Pub. L. 104-13 applies: Not applicable.
10. Abstract: NRC Forms 540, 541, and 542, together with their continuation pages, designated by the "A" suffix, provide a set of standardized forms to meet Department of Transportation (DOT), NRC, and State requirements. The forms were developed by NRC at the request of low-level waste industry groups. The forms provide uniformity and efficiency in the collection of information contained in manifests which are required to control transfers of low-level radioactive waste intended for disposal at a land disposal facility. NRC Form 540 contains information needed to satisfy DOT shipping paper requirements in 49 CFR Part 172 and the waste tracking requirements of NRC in 10 CFR Part 20. NRC Form 541 contains information needed by disposal site facilities to safely dispose of low-level waste and information to meet NRC and State requirements regulating these activities. NRC Form 542, completed by waste collectors or processors, contains information which facilitates tracking the identity of the waste generator. That tracking becomes more complicated when the waste forms, dimensions, or packagings are changed by the waste

processor. Each container of waste shipped from a waste processor may contain waste from several different generators. The information provided on NRC Form 542 permits the States and Compacts to know the original generators of low-level waste, as authorized by the Low-Level Radioactive Waste Policy Amendments Act of 1985, so they can ensure that waste is disposed of in the appropriate Compact.

A copy of the final supporting statement may be viewed free of charge at the NRC Public Document Room, One White Flint North, 11555 Rockville Pike, Room O-1F23, Rockville, MD 20852. OMB clearance requests are available at the NRC worldwide web site: <http://www.nrc.gov/NRC/PUBLIC/OMB/index.html>). The document will be available on the NRC home page site for 60 days after the signature date of this notice.

Comments and questions should be directed to the OMB reviewer by (insert date 30 days after publication in the Federal Register):

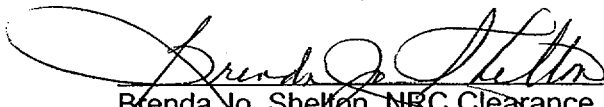
Amy Farrell  
Office of Information and Regulatory Affairs (3150-0164, 0165, & 0166)  
NEOB-10202  
Office of Management and Budget  
Washington, DC 20503

Comments can also be submitted by telephone at (202) 395-7318.

The NRC Clearance Officer is Brenda Jo. Shelton, (301) 415-7233.

Dated at Rockville, Maryland, this 28<sup>th</sup> day of March 2001.

For the Nuclear Regulatory Commission.

  
Brenda Jo. Shelton, NRC Clearance Officer  
Office of the Chief Information Officer

processor. Each container of waste shipped from a waste processor may contain waste from several different generators. The information provided on NRC Form 542 permits the States and Compacts to know the original generators of low-level waste, as authorized by the Low-Level Radioactive Waste Policy Amendments Act of 1985, so they can ensure that waste is disposed of in the appropriate Compact.

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/RA/

Brenda Jo. Shelton, NRC Clearance Officer  
Office of the Chief Information Officer

DOCUMENT NAME: A:\2nd SS & FRN FORMS 540, 541, & 542

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<div>NRC FORM 542 (MM-YYYY)</div> <div>U.S. NUCLEAR REGULATORY COMMISSION</div> <div>UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST</div> <div>MANIFEST INDEX AND REGIONAL COMPACT TABULATION</div> <div>List all original "PROCESSED WASTE" generators (if any) before "COLLECTED WASTE" generators.</div>			<div>1. WASTE COLLECTOR/PROCESSOR</div> <div>NAME</div> <div>SHIPPER USE ONLY</div> <div>IDENTIFICATION NUMBER</div> <div>SHIPPING DATE</div>					<div>2. MANIFEST NUMBER</div> <div>3. PAGE ____ OF ____ PAGE(S)</div>			
4. GENERATOR IDENTIFICATION NUMBER	5. GENERATOR NAME PERMIT NUMBER (IF APPLICABLE) AND TELEPHONE NUMBER	6. GENERATOR FACILITY ADDRESS	7. PREPROCESSED WASTE (OR MATERIAL) VOLUME (m³)	8. MANIFEST NUMBER(S) UNDER WHICH WASTE (OR MATERIAL) RECEIVED AND DATE OF RECEIPT	9. WASTE CODE P = PROCESSED C = COLLECTED	10. ORIGINATING COMPACT REGION OR STATE	11. AS PROCESSED/COLLECTED TOTAL				
							A. SOURCE MATERIAL (kg)	B. SNM (g)	C. ACTIVITY (MBq)	D. VOLUME (m³)	
TOTALS OF ALL PAGES (NRC FORMS 542 AND 542A)											

3.	PAGE	OF	PAGE(S)
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NRC FORM 542 (3-95)