

U. S. DEPARTMENT OF ENERGY
INSTRUCTIONS FOR COMPLETING THE APPENDIX C
DELIVERY COMMITMENT SCHEDULE

GENERAL INSTRUCTIONS

1. PURPOSE AND USE OF DATA

The Standard Contract for Disposal of Spent Nuclear Fuel and/or High-Level Radioactive Waste (10 CFR Part 961) states that Purchasers shall begin submitting to the Department of Energy (DOE) Delivery Commitment Schedules (DCS) that identify all spent nuclear fuel (SNF) the Purchasers plan to deliver to DOE beginning 63 months thereafter. The DCS provides the Purchasers with the opportunity to inform DOE of their plans for utilizing their allocations of projected Civilian Radioactive Waste Management System (CRWMS) acceptance capacity. This information will assist DOE in planning the waste acceptance and transportation capabilities of the CRWMS.

2. WHO SHOULD SUBMIT

The DCS shall be submitted by each Purchaser with an allocation in the 2004 Acceptance Priority Ranking/Annual Capacity Report (APR/ACR) (or subsequent APR/ACRs, as appropriate) as specified in Article V.B. of the Standard Contract for Disposal of Spent Nuclear Fuel and/or High-Level Radioactive Waste.

3. WHEN TO SUBMIT

Purchasers shall submit DCSs at least 63 months prior to requested delivery year. At this time, DOE suggests that the Purchasers designate only the appropriate delivery year (calendar year), recognizing that both a Purchaser's and the Department's ability to commit to a specific date over 63 months in the future is limited. For each allocation listed in the 2004 APR/ACR (or subsequent APR/ACRs, as appropriate), a Purchaser must submit at least one DCS for that allocation at least 63 months prior to the date that the allocation occurs (e.g., if a Purchaser has an allocation in 2010, a DCS must be submitted for that allocation by September 30, 2004).

4. WHERE TO SUBMIT

Purchasers shall forward the completed DCS to:

U.S. Department of Energy
David Zabransky, Contracting Officer
Office of Systems Analysis and Strategy Development (RW-20E)
1000 Independence Avenue, S.W.
Washington, DC 20585

Purchasers may submit an electronic copy by email to dave.zabransky@rw.doe.gov or by fax to (202)586-9608 or (202)586-1047 but will also need to mail a signed original to the address above. DCS forms can be downloaded from the OCRWM website at http://www.ocrwm.doe.gov/wat/dc_schedule.shtml

5. AUTHORITY

Data on the DCS are collected pursuant to the authority of the Nuclear Waste Policy Act of 1982, as amended, (42 U.S.C. 10101 et seq.) and Article V.B of the Standard Contract for Disposal of Spent Nuclear Fuel and/or High-Level Radioactive Waste.

6. PROVISIONS REGARDING CONFIDENTIALITY OF INFORMATION

Data being collected on the DCS are not considered to be confidential. Should you consider any of the additional information you provide to be of a proprietary nature, please mark your response accordingly.

7. BACKGROUND INFORMATION

The 2004 APR/ACR is based on RW-859 data covering discharges through December 31, 2002 and established the order in which CRWMS acceptance capacity is allocated in the 2004 APR/ACR. As required by the Standard Contract, the priority ranking is based on the date the SNF was permanently discharged, with the owners of the oldest SNF, on an industry-wide basis, given the highest priority. A 10-year projected waste acceptance rate is applied to the APR for planning purposes, resulting in individual Purchaser allocations. The Purchasers' allocations for each delivery year (for a 10-year period) are presented in the 2004 APR/ACR and are the basis for Purchasers submitting DCSs to DOE for approval. Due to the limited annual acceptance capacity of the CRWMS, only DCSs submitted by Purchasers with an allocation in the delivery year will be considered for approval (e.g., for a Purchaser to have a DCS considered for approval for delivery in 2010, the Purchaser must have an allocation in 2010.)

- (a) The annual acceptance rates in the 2004 APR/ACR provide an approximation of the CRWMS acceptance capacity and are for planning purposes. The process described herein assumes that the CRWMS will be able to accept a Purchaser's SNF beginning in 2010 according to the acceptance rate reflected in the 2004 APR/ACR. DOE recognizes that many Purchasers have submitted and DOE has approved DCSs based upon the January 31, 1998 operations date included in the Standard Contract. Purchasers should submit new DCSs based upon the currently planned operation date of 2010.
- (b) Once a Purchaser has an allocation, any SNF owned by the Purchaser can be designated for delivery against that allocation. The DCS does not restrict the Purchaser to deliver the specified SNF that was the basis for the allocation.
- (c) Over the 10-year period for which the 2004 APR/ACR allocated CRWMS acceptance capacity, Purchasers may qualify for a specific number of allocations (from 0 through 10). Purchasers may submit advanced DCSs for any or all of their allocations, for years 2011 through and including 2019.
- (d) The actual number of DCSs submitted by a Purchaser will vary according to the number of allocations they have in the APR/ACR and the number of DCSs they choose to submit for each allocation. A DCS should be submitted for only one designated delivery site, only one fuel type (BWR, PWR, or Other) and only one

delivery year. Therefore, if a Purchaser splits an allocation between two or more delivery sites or between fuel types, more than one DCS will be required. There is no limit to the number of DCSs that can be submitted for each allocation, as long as the total metric tons of uranium (MTU) requested does not exceed the Purchaser's total MTU allocation for that year.

- (e) Waste acceptance capacity allocated to Purchasers is expressed in terms of MTU. The MTU allocation does not necessarily limit the number of assemblies that can be delivered. The DCS is designed to cover a given quantity of SNF as measured in MTU, not assemblies. DOE realizes that the number of assemblies associated with an allocation will vary according to the actual SNF designated for delivery. The appropriate entry for the blank on the DCS labeled "Number of Assemblies" is discussed in more detail below in the Specific Instructions for Completion of DCS.
- (f) Since the DCS does not require the identification of the specific fuel to be delivered, each DCS is assumed to be for Standard Fuel, Class S1 or Class S2, as defined in Appendix E of the Standard Contract. The Contract makes specific provisions for delivery of other than standard fuel. If a Purchaser intends to deliver other than standard fuel, the Purchaser must submit proposed handling/shipping procedures to DOE for evaluation and confirmation as to the technical feasibility of accepting the delivery on the schedule in the approved DCS. Submittal of these proposed handling/shipping procedures is not required until after the DCS has been approved. If the acceptance of other than standard fuel cannot be accommodated, the Purchaser has the option to deliver standard fuel on the schedule in the approved DCS or exchange the approved DCS with another Purchaser, provided contractual time limitations can be met.

8. QUESTIONS ABOUT THE DCS

If you have any questions or require more information for completing the DCS, please contact **Dave Zabransky** at (202) 586-9198 / dave.zabransky@rw.doe.gov, or **Tom Pollog** at (202) 586-4153 / thomas.pollog@rw.doe.gov. Both can be contacted by fax at (202)586-9608 or (202)586-1047. Please direct all correspondence to DOE, Attn: David Zabransky, Contracting Officer, Office of Systems Analysis and Strategy Development (RW-20E), 1000 Independence Avenue, S.W., Washington, DC 20585.

SPECIFIC INSTRUCTIONS FOR COMPLETION OF DCS

The following are specific instructions for completing the DCS. Each indicated entry of the DCS should be filled in with the information as described below.

- 1.1 **NAME OF PURCHASER:** Enter the name of the corporate entity that has title to the spent nuclear fuel or high-level radioactive waste covered by the disposal contract.
- 1.2 **DCS IDENTIFICATION NUMBER:** A 12-digit unique identification number having the form YY-RRID NNNN-SS, where

YY = the last two digits of the Proposed Delivery Year
RRID = RW-859 reactor identification number of the designated delivery site
NNNN = the last four digits of the contract number associated with the SNF being designated for delivery, and
SS = a two digit sequential code to uniquely identify the DCS within this Purchaser's annual allocation.

As an example, suppose Electric Power Company (Contract Number DE-CR01-83NE12345) submits a DCS to deliver SNF from Unit I (RW-859 ID Number 8801) in the year 2010. Assume that this is the third DCS that Electric Power Company plans to submit under this allocation. The unique identifier for this DCS would be 10-8801-2345-03.

Enter this number on the top right-hand corner of the DCS. If the Purchaser elects not to insert an identifying number, DOE will assign one upon receipt of the DCS.

- 1.3 **CONTACT PERSON:** Enter the name and telephone number of the person the Department should contact if there are questions concerning the DCS.
- 1.4 **CONTRACT NUMBER:** Enter the number of the Contract under which the disposal fees were paid for the SNF designated on this DCS. For Purchasers with multiple Contracts, the entry relates to the Contract number associated with the SNF designated for delivery and may differ from the Contract number of the SNF that qualified the Purchaser for the allocation or the Contract number associated with the designated delivery site.
- 1.5 **REACTOR/FACILITY INFORMATION:** Enter the name of the designated delivery site where the SNF will be delivered to DOE. The facility may differ from the facility that generated the SNF that qualified the Purchaser for the allocation. Enter the street address (not mailing address) of the designated delivery site.

- 2.1 **TYPE OF CASK REQUIRED:** Indicate (in tons) the maximum loaded cask lifting weight (weight on the hook including lifting equipment and water in the cask) that you intend to use at the delivery location indicated in Item 1.4. If you plan to upgrade the cask handling capacity at this facility prior to shipment, this upgrade should be reflected in the maximum lifting weight. This information is to be used by DOE for planning purposes and does not imply any commitment by DOE or the Purchaser.
- 2.2 **PROPOSED SHIPPING MODE:** Check the appropriate box for: (a) Truck, (b) Rail, or (c) Barge, indicating your proposed shipping mode. Purchasers should indicate the mode of carriage that the cask identified in Item 2.1 will be delivered to DOE at the Purchaser's gate, f.o.b. carrier. An entry of "Truck" will indicate to DOE that the Purchaser proposes to deliver the cask on a truck trailer, an entry of "Rail" will indicate delivery on a rail car or heavy haul truck from rail, and an entry of "Barge" will indicate that the Purchaser proposes to deliver the cask to a barge or heavy haul truck from barge. Selection of shipping mode is independent of cask type and only indicates the carrier mode. Final selection of the shipping mode will be determined during the FDS process. If a Purchaser intends to upgrade a facility from truck to rail access, "Rail" should be indicated on the DCS. Similarly, if a facility has either rail or barge access but the Purchaser plans to deliver by truck, "Truck" should be indicated on the DCS.
- 2.3 **PROPOSED DELIVERY YEAR:** Enter the appropriate delivery year for the SNF to be delivered in accordance with your allocation (listed in the 2004 APR/ACR). The actual delivery date within the delivery year will be determined during the FDS process.
- 2.4 **RANGE OF DISCHARGE DATES (Earliest to Latest):** Enter the range of discharge dates from which the SNF will be selected for delivery. Purchasers are encouraged to be as specific as possible. For example, the Purchaser may know that there is certain SNF that they prefer not to deliver under this DCS and exclude that SNF from the range of discharge dates. A Purchaser may include other than standard SNF in the range of discharge dates, although confirmation of the technical feasibility of delivery of the other than standard SNF on the agreed to schedule will be required prior to submittal of an FDS.
- 2.5 **METRIC TONS OF URANIUM (Initial):** Enter the MTU for this proposed delivery. If several DCSs are submitted for one allocation period, the total quantity of SNF designated for delivery must not exceed the allocation in the 2004 APR/ACR; exceeding the allocation will result in disapproval of the DCS(s).
- 2.6 **NUMBER OF ASSEMBLIES –BWR/PWR/Other:** Enter the number of SNF assemblies corresponding to the Metric Tons Uranium indicated in Item 2.6 in the appropriate blank for BWR, PWR or Other (e.g., HTGR, TRIGA). If the SNF in the designated range of discharge dates encompasses assemblies with a wide range of MTU/assembly, state the maximum number of assemblies that may be delivered. Since the actual number of assemblies to be delivered may vary according to the specific SNF selected for delivery, adjustments to the number of assemblies will be made during the FDS process.

- 3.0 **CERTIFICATIONS:** An individual duly authorized to bind the Purchaser must sign the DCS, certifying that the Purchaser has the legal right to deliver such SNF to DOE. Insert the appropriate signatory's title and date.
- 4.0 **NOTIFICATION OF DOE APPROVAL:** The signatures of DOE's Technical Representative and the Contracting Officer will indicate that the DCS has been approved.