



SC BUDGET AND CONTROL BOARD

Pursuant to 48-46-40(A)(2), S.C.C.

## Uniform Schedule of Maximum Disposal Rates for Atlantic Compact Regional Waste

EFFECTIVE JULY 1, 2013

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The Uniform Schedule of Maximum Disposal Rates for Atlantic Compact Regional Waste is a permanent ceiling on disposal rates applicable to Atlantic Compact waste that is adjusted each year in accordance with the Producer Price Index. South Carolina may charge Atlantic Compact generators less than the Uniform Maximum schedule, but cannot charge regional generators more than this rate.

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THE MINIMUM CHARGE PER SHIPMENT, EXCLUDING SURCHARGES AND SPECIFIC OTHER CHARGES, IS \$1,000.00

### 1. WEIGHT CHARGES (not including surcharges)

#### A. Base weight charge

Density Range	Weight Rate
i.) Equal to or greater than 120 lbs./ft <sup>3</sup>	\$ 7.644 per pound
ii.) Equal to or greater than 75 lbs./ft <sup>3</sup> and less than 120 lbs./ft <sup>3</sup>	\$ 8.409 per pound
iii.) Equal to or greater than 60 lbs./ft <sup>3</sup> and less than 75 lbs./ft <sup>3</sup>	\$ 10.321 per pound
iv.) Equal to or greater than 45 lbs./ft <sup>3</sup> and less than 60 lbs./ft <sup>3</sup>	\$ 13.379 per pound
v.) Less than 45 lbs./ft <sup>3</sup>	\$ 13.379 per pound multiplied by: (45 ÷ pounds per cubic foot of the package)

#### B. Dose multiplier on base weight charge

Container Dose Level			Multiplier on Weight Rate, above
0 mR/hr	-	200 mR/hr	1.00
>200 mR/hr	-	1 R/hr	1.08
>1R/hr	-	2R/hr	1.12
>2R/hr	-	3R/hr	1.17
>3R/hr	-	4R/hr	1.22
>4R/hr	-	5R/hr	1.27
>5R/hr	-	10R/hr	1.32
>10R/hr	-	25R/hr	1.37
>25R/hr	-	50R/hr	1.42
>50R/hr			1.48

#### C. Biological Waste: Add \$1.708 per pound to rate calculated above



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## 2. SURCHARGES

- A. Millicurie surcharge \$0.573 per millicurie\*

\*In lieu of above, generator may opt for an alternative millicurie charge of \$1.144 per millicurie applicable only to millicuries with greater than 5-year half-life. Such election must be provided in writing to the disposal site operator prior to July 1, 2012.

**MAXIMUM MILLICURIE CHARGE IS \$228,909 PER SHIPMENT (400,000 MCI).**

- B. Irradiated Hardware Charges (See Note B under Miscellaneous) \$86,874 per shipment
- C. Special Nuclear Material Surcharge \$17.372 per gram
- D. Atlantic Compact Commission administrative surcharge \$6.00 per cubic foot  
(Subject to change during year)

## NOTES

- A. Surcharges for the Barnwell Extended Care Fund and the Decommissioning Trust Fund are included in the rates.
- B. Irradiated hardware: As a general rule, billing as irradiated hardware pertains to shipments of exceptionally high activity that require clearing of the site and special off-loading into a slit trench. These generally include TN-RAM and other horizontally offloaded cask shipments. In addition to items of irradiated hardware, shipments considered irradiated hardware, for purposes of disposal, have included certain sealed sources and materials with exceptionally high levels of radioactivity.
- C. Large components (e.g., steam generators, reactor pressure vessels, coolant pumps)

Disposal fees for large components (e.g., steam generators, reactor pressure vessels, reactor coolant pumps, or items that will not fit into standard sized disposal vaults) are based on the generally applicable rates, in their entirety, except that the weight and volume used to determine density and weight related charges is calculated as follows:

1. For packages where the large component shell qualifies as the disposal vault per DHEC regulations, weight and volume calculations are based on all sub-components and material contained within the inside surface of the large component shell, including all internals and any stabilization media injected by the shipper, but excluding the shell itself and all incidental external attachments required for shipping and handling; and
2. For packages with a separate shipping container that qualifies as the disposal vault per DHEC regulations, weight and volume calculations are based on the large component, all sub-components and material contained within the inside surface of the shipping container, including any stabilization media injected by the shipper (including that between the large component and the shipping container), but excluding the shipping container itself and all incidental external attachments required for shipping and handling.



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- D. Co-mingled shipments from brokers and processors: For containers that include waste from different generators (DHEC permittees), the weight and density of the waste from each generator will be assessed separately for purposes of the weight charge in I.A. The dose of the container as a whole will be used to assess the dose multiplier in I.B. The millicurie charge 2.A. above, applies individually to each portion of waste in the shipment from each generator. The disposal site operator will provide guidelines for application of this method.
- E. Transport vehicles with additional shielding features may be subject to an additional handling fee which will be provided upon request.
- F. In certain circumstances, the disposal site operator may assess additional charges for necessary services that are not part of and are additional to disposal rates established by the State of South Carolina. These include decontamination services and special services as described in the Barnwell Site Disposal Criteria.
- G. The disposal site operator has established the following policies and procedures which are provided herein for informational purposes:
  - i. Terms of payment are net 30 days upon presentation of invoices. A per-month service charge of one and one-half percent (1½%) shall be levied on accounts not paid within thirty (30) days.
  - ii. Company purchase orders or a written letter of authorization and substance acceptable to CNS shall be received before receipt of radioactive waste material at the Barnwell Site and shall refer to CNS Radioactive Material License, the Barnwell Site Disposal Criteria and subsequent changes thereto.
  - iii. All shipments shall receive a CNS shipment identification number and conform to the Prior Notification Plan.