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June 11, 2024

Ashton Inabinett
Office Manager
EnergySolutions
740 Osborn Road
Barnwell, SC 29812

Re: Rate Schedules and Annual Adjustments – FY 2024-2025

Dear Ashton:

Attached are the approved Maximum Uniform Rate Schedule (“MURS”) and Alternative Rate Schedule (“ARS”) for FY 2024-2025. Pursuant to Section 48-46-40(A)(4), South Carolina Code of Laws, the South Carolina Office of Regulatory Staff (“ORS”) must adjust the MURS for Atlantic Compact waste generators each year in accordance with the most recently published Producer Price Index (“PPI”) available in March. The ARS represents the results of negotiations between Chem-Nuclear and the Atlantic Compact utilities.

Pursuant to the Memorandum of Understanding, signed June 30, 2009, and approved by the South Carolina Budget and Control Board, regarding pricing and operational costs, the maximum amount of yearly disbursements from the Barnwell Decommissioning Trust Fund and/or the Barnwell Extended Care Maintenance Fund shall be adjusted each year in accordance with the most recently published PPI to cover “Institutional Costs” of the disposal facility and its surroundings. Under the North American Industry Classification System (NAICS), Industry Code 325 (Chemical Manufacturing, or Chemical mfg) is used as the basis for the annual adjustment of the MURS. ORS calculated the annual adjustments to the MURS, which will be applicable for Fiscal Year 2024 through 2025. The most recent data from the U.S. Bureau of Labor Statistics (“BLS”) is the February 2024 PPI Detailed Report. Table 12 of the PPI shows a **decrease of 2.8 percent** from February 2023 to February 2024 per the “Chemical mfg” code, which has been applied to MURS rates for FY 2024 through 2025.

The maximum amount of yearly disbursements from the Barnwell Decommissioning Trust Fund and/or Barnwell Extended Care Maintenance Fund shall be **increased from \$2,828,763 to \$2,941,914** based on the February 2024 PPI **increase of 4.0 percent** for “Other selected services less trade, transportation, and warehousing industries” found in Table 10 of the PPI. Copies of the MURS and relevant portions of the PPI Detailed Report are also attached for reference.

Sincerely,



Andrew Bateman

Enclosures



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

Uniform Schedule of Maximum Disposal Rates for Atlantic Compact Regional Waste

EFFECTIVE JULY 1, 2024

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.

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 ³	\$ 9.917 per pound
ii.) Equal to or greater than 75 lbs./ft ³ and less than 120 lbs./ft ³	\$ 10.910 per pound
iii.) Equal to or greater than 60 lbs./ft ³ and less than 75 lbs./ft ³	\$ 13.387 per pound
iv.) Equal to or greater than 45 lbs./ft ³ and less than 60 lbs./ft ³	\$ 17.356 per pound
v.) Less than 45 lbs./ft ³	\$ 17.356 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



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

C. Biological Waste: Add \$2.155 per pound to rate calculated above

2. SURCHARGES

A. Millicurie surcharge \$0.743 per millicurie*

*In lieu of above, generator may opt for an alternative millicurie charge of \$1.484 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, 2023.

MAXIMUM MILLICURIE CHARGE IS \$297,000, PER SHIPMENT (400,000 MCI).

B. Irradiated Hardware Charges (See Note B under Miscellaneous) \$112,714 per shipment

C. Special Nuclear Material Surcharge \$22.537 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



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

container), but excluding the shipping container itself and all incidental external attachments required for shipping and handling.

- 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.



**Atlantic Compact Regional Waste
Alternative Rate Schedule**
Effective July 1, 2024

Option A Pricing (applicable to Generators who do not elect Option B Access Fee Pricing)

Use Maximum Uniform Rate Schedule

Option B Access Fee (at Generator's election)

An individual nuclear power reactor, or any non-reactor waste generator with a South Carolina permit to ship waste to the Barnwell site is eligible to be an Option B Participant.

Option B Participants may elect Option B Access Fee pricing by committing to an annual access fee to be paid in quarterly installments. The first quarter's access fee will be assessed on July 15, 2024. All Option B participants will provide the disposal site operator a volume projection and shipping schedule for Fiscal Year ("FY") 2025 and update the projection and shipping schedule throughout the year, as necessary.

QUARTERLY ACCESS FEE

Option B Participants shall pay a quarterly access fee and an annual true-up payment, if required, in lieu of disposal charges for individual shipments.

The access fee for all four quarters must be paid, even if the Option B Participant does not plan to ship waste during any specific quarter. Quarterly access fee payments are due no later than:

- July 15, 2024
- October 1, 2024
- January 1, 2025
- April 1, 2025

An interim revenue requirement shall be used as the basis for determining an annual access fee for each Option B Participant. The annual access fee may be determined by dividing the interim revenue requirement for operating costs (less the amount of payments projected to be received from Option A disposal rate customers), evenly among all Option B Participants or an additional allocation method agreed upon between Energy Solutions/Chem-Nuclear and each Option B Participant.

The annual access fees for each Option B Participant shall be split into quarterly payments. In recognition of the request by Option B Participants for billing to reflect a calendar year budgeting cycle, the quarterly access fee payments shall be calculated using the interim revenue requirement for both the current fiscal year and the prior fiscal year as follows:

The interim revenue requirement for the current fiscal year, FY 2025, is \$6,000,000.
The interim revenue requirement for the prior fiscal year, FY 2024, was \$6,000,000.¹

¹ In general these numbers may vary. In years where the interim revenue requirement for the current fiscal year differs from the interim revenue requirement for the prior fiscal year, a final annual true-up payment may be billed as modified by any amounts payable to the Option B Participants as outlined in the Rate Reconciliation section.

The quarterly access fee for payments due July 15, 2024 and October 1, 2024 shall be calculated based on the interim revenue requirement for the current fiscal year, FY 2025. The interim revenue requirement for FY 2025 (less the amount of payments projected to be received from Option A disposal rate customers), shall be divided in half, and that amount shall be divided into two quarterly payments and shall be divided evenly among all Option B Participants.

The quarterly access fee for payments due January 1, 2025 and April 1, 2025 shall be based on the interim revenue requirement for the current fiscal year, FY 2025. The interim revenue requirement for FY 2025 (less the amount of payments projected to be received from Option A disposal rate customers) shall be divided in half, and that amount shall be divided into two quarterly payments and shall be divided evenly among all Option B Participants.

Chem-Nuclear shall monitor costs and cash receipts from July 2024 through February 2025 and, if a significant over collection is anticipated, may reduce a future access fee payment to reduce the anticipated over collection.

VOLUME ALLOCATIONS

Volume Allocations. Each Option B Participant shall be allocated an equal share of up to 7,000 cubic feet of disposal capacity (volume allocation), which may be disposed at no further charge. Volume allocations for Option B Participants may be pooled within a company upon written notification to Chem-Nuclear from the applicable Participants prior to August 1, 2024. An Option B Participant may transfer unused allocation to another Option B Participant by providing Chem-Nuclear a signed statement executing the transfer.

VARIABLE COST SURCHARGE

For each cubic foot of waste received that is in excess of an Option B Participant's volume allocation (or pooled allocation), the Participant shall be assessed an additional \$110 per cubic foot to cover variable costs and margin related to acceptance of the waste. (The variable cost surcharge does not apply to any waste volume resulting from the transfer of excess volume allocation from one Option B Participant to another.)

RATE RECONCILIATION

Final approval by the PSC of allowable operating costs for FY 2024 is expected no later than June 30, 2025. In the event that the total of operating costs approved by the PSC, plus margin, for FY 2024 is less than the amounts paid through Option B fees and variable cost surcharges, plus payments received for Any Option A disposal charges, Irradiated Hardware, Steam Generators or other Large Components, each Option B Participant will be due an equal share of the over-payment. The over-payment will be processed by the method agreed upon by the Option B Participants. If an Option B Participant from FY 23/24 is no longer a participant, that participant's over-payment will be refunded no later than June 30, 2025.

If the total of operating costs approved by the PSC, plus margin, for FY 2024 exceeds the amounts paid through Option B fees and variable cost surcharges, plus payments received for any Option A disposal charges, Irradiated Hardware, Steam Generators, or other Large Components, each Option B Participant will be invoiced no later than June 30, 2025 on a proportionate per reactor basis share of the difference, unless EnergySolutions/Chem-Nuclear voluntarily waives its rights under South Carolina law to seek or accept such revenues.

VOLUME PROJECTIONS

Each Option B Participant shall provide the disposal site operator a projection of its expected waste volumes for the fiscal year not later than July 1, 2024, and will update the projection on a quarterly basis, or as conditions warrant. Option B Participants recognize that shipment of waste to the disposal site at a relatively even pace throughout the fiscal year helps minimize operating costs.

IRRADIATED HARDWARE (See Note D)

Irradiated Hardware is not included in Volume Allocations and is not considered as waste in excess of volume allocations. Pricing will be calculated on a case-by-case basis in an amount sufficient to cover all allowable operating costs incurred by the site operator to dispose of the waste.

STEAM GENERATORS AND OTHER LARGE COMPONENTS (See Note E)

Large Components are not included in Volume Allocations and are not considered as waste in excess of volume allocations. Pricing will be calculated on a case-by-case basis in an amount sufficient to cover all allowable operating costs incurred by the site operator to dispose of the waste.

NOTES:

- A. Due to staffing limitations, Chem-Nuclear is authorized to limit total waste volumes received during the fiscal year to 12,433 cubic feet (excluding large components and irradiated hardware).
- B. Surcharges for the extended care fund and decommissioning trust fund are included in the disposal rates.
- C. Sealed sources: Requests for disposal are reviewed by South Carolina Department of Health and Environmental Control to ensure that the waste was generated within the Atlantic Compact region.
- D. Irradiated hardware and high dose shipments: As a general rule, case-by-case 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, if a shipment requires substantial special handling, due to exceptionally high package surface doses, additional surcharges may be authorized by Board staff in an amount that will reimburse the site operator for costs that have not been budgeted.
- E. Large components: Pricing will be calculated on a case-by-case basis in an amount sufficient to cover all allowable operating costs incurred by the site operator, and associated margin, as a result of the request for disposal and disposal of the waste. Large components include steam generators, reactor pressure vessels, reactor coolant pumps, or items that require construction of special-sized disposal vaults. Large components also include items that may fit into the standard sized vault but fit so inefficiently due to their shape and geometry that it is less costly to build a specially sized vault.
- F. Because the disposal of large components is rare and is not considered as a factor in planning and budgeting for site operations, a supplemental service fee sufficient to cover all additional costs and margin may be authorized by Board staff to cover the disposal site operator's costs for planning, consultation, feasibility studies, cost estimating, regulatory consultation, and other necessary costs that have not been budgeted and accounted for as operating costs for the fiscal year. This supplemental service fee is applicable whether or not the generator ultimately commits to disposal of the large component(s), and whether or not the waste is eventually disposed at the Barnwell site.
- G. Because the operating costs for disposal of large components may be significantly affected by the number of such components and the schedule for delivery, generators are strongly encouraged to coordinate their plans for shipment of large components to Barnwell in order to reduce unit costs through better economies of scale. Early in project planning, shippers are encouraged to consult with the disposal site operator on designs and configurations that may reduce handling and offloading costs at the disposal site.
- H. Transport vehicles with additional shielding features may be subject to an additional handling fee which will be provided upon request.
- I. 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.
- J. 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.

Table 10. Producer price indexes and percentage changes for net output of selected industries and industry groups, not seasonally adjusted — Continued
 [February 2024]

Title ¹	Index base	Industry code	Unadjusted index ²					Unadjusted 1-month percent change ²	Unadjusted 12-month percent change ²
			Oct. 2023	Nov. 2023 ^p	Dec. 2023 ^p	Jan. 2024 ^p	Feb. 2024 ^p	Jan. to Feb. ^p	Feb. 2023 to Feb. 2024 ^p
Information - Continued									
Telecommunications.....	12/03	517--	108.062	108.011	108.468	109.133	109.629	0.5	2.0
Data processing and related services.....	12/03	5182--	114.812	115.044	115.313	115.667	115.779	0.1	1.7
Selected health care industries.....									
Offices of physicians.....	12/06	ASHC--	141.443	141.476	141.512	143.040	143.446	0.3	3.2
Offices of dentists.....	12/96	6211--	144.252	144.250	144.355	146.197	146.279	0.1	1.9
Medical and diagnostic laboratories.....	06/10	6212--	131.434	131.537	131.537	131.958	134.781	2.1	2.9
Home health care services.....	12/03	6215--	103.885	103.836	103.836	103.771	103.809	0.0	0.1
Blood and organ banks.....	12/96	6216--	163.684	163.684	163.684	164.573	164.563	0.0	3.4
Hospitals.....	06/06	621991	132.026	133.561	134.434	134.846	135.060	0.2	4.0
Nursing care facilities.....	12/92	622--	231.428	231.472	231.159	234.028	234.606	0.2	3.6
Residential developmental disability homes.....	12/03	6231--	179.653	179.760	181.916	182.473	182.253	-0.1	4.2
Other selected services less trade, transportation, and warehousing industries.....	12/03	62321-	231.014	230.949	230.952	236.147	236.362	0.1	9.0
Depository credit intermediation.....	12/06	ASTDSV	148.169	148.455	148.889	150.712	151.278	0.4	4.0
Security, commodity contracts and like activity.....	12/03	5221--	135.150	138.619	137.940	142.472	143.464	0.7	4.7
Insurance carriers and related activities.....	12/03	523--	260.032	258.132	262.747	270.448	271.054	0.2	8.5
Lessors of nonres bldg (exc miniwarehouse).....	12/03	524--	152.189	152.181	152.470	153.181	154.182	0.7	2.8
Lessors of miniwarehouse and self storage units.....	12/03	53112-	139.562	141.774	143.279	145.993	140.147	-4.0	3.8
Offices of real estate agents and brokers.....	12/03	53113-	197.518	199.342	200.623	200.595	196.833	-1.9	1.4
Real estate property managers.....	12/03	5312--	192.244	192.251	191.796	190.681	189.744	-0.5	3.5
Offices of real estate appraisers.....	12/03	53131-	130.247	130.923	131.139	133.594	133.561	0.0	4.9
Automotive equipment rental and leasing.....	12/03	531320	111.283	110.803	110.767	112.955	112.955	0.0	-3.0
Other heavy machinery rental and leasing.....	06/01	5321--	156.273	149.177	148.353	141.064	141.994	0.7	-5.7
Legal services.....	12/03	532412	139.053	138.749	138.980	139.068	137.870	-0.9	-0.2
Offices of certified public accountants.....	12/96	5411--	273.602	273.104	273.508	283.945	287.446	1.2	6.3
Other accounting services.....	12/03	541211	142.480	143.937	142.934	147.371	147.851	0.3	7.0
Architectural, engineering and related services.....	12/03	541219	154.461	152.103	155.079	166.400	166.400	0.0	11.8
Management and technical consulting services.....	12/96	5413--	190.565	190.582	190.590	192.346	192.359	0.0	2.4
Advertising agencies.....	06/06	5416--	130.586	132.069	132.882	132.666	132.790	0.1	2.8
Employment services.....	12/03	54181-	123.833	123.787	123.825	123.963	123.953	0.0	0.3
Travel agencies.....	12/96	5613--	160.165	160.503	160.788	160.831	160.550	-0.2	0.9
Security guards and patrol services.....	12/03	56151-	107.111	107.146	106.818	106.487	106.633	0.1	1.9
Janitorial services.....	12/04	561612	162.779	162.452	166.294	170.969	171.974	0.6	12.1
Waste collection.....	12/03	56172-	134.527	135.084	135.141	136.020	136.020	0.0	-0.4
Amusement and theme parks.....	12/03	5621--	185.985	186.801	185.050	185.392	184.481	-0.5	3.9
Golf courses and country clubs.....	06/06	71311-	215.854	219.077	223.519	215.208	220.114	2.3	4.4
Fitness and recreational sports centers.....	12/05	71391-	158.394	161.712	163.352	167.247	168.269	0.6	4.9
Accommodation.....	12/04	71394-	117.350	117.716	120.210	121.025	119.854	-1.0	2.4
Commercial machinery repair and maintenance.....	12/96	721--	194.346	191.287	188.586	186.372	195.096	4.7	4.6
	06/06	8113--	191.369	191.369	191.959	197.123	196.955	-0.1	9.0

¹ Indexes in this table are derived from the net-output-weighted industry price indexes. Because of differences in coverage and aggregation methodology, they will generally not match the movements of similarly titled indexes which are derived from traditional commodity groupings.

² All indexes are subject to revision for 4 months after their originally scheduled publication to incorporate late reports and corrections by survey respondents.

³ Formerly titled "Total traditional service industries."

p Preliminary

-- Data not available.

Table 11. Producer price indexes for net output of selected industries and their products, not seasonally adjusted — Continued
[February 2024]

Title ¹	Industry code	Product code	Index base	Unadjusted index ²				
				Oct. 2023	Nov. 2023 ^P	Dec. 2023 ^P	Jan. 2024 ^P	Feb. 2024 ^P
Support activities for printing - Continued								
Printing plates and cylinders, prepared for printing (excl blank plates and blank cylinders).....		323120-9	12/03	106.413	106.413	106.413	106.413	109.425
Secondary products and miscellaneous receipts.....		323120-SM						
Petroleum and coal products manufacturing.....	324		12/84	374.358	350.809	317.132	317.930	355.762
Petroleum and coal products mfg.....	3241		12/84	374.358	350.809	317.132	317.930	355.762
Petroleum refineries.....	32411		06/85	372.708	347.316	310.995	310.913	351.635
Petroleum refineries.....	324110		06/85	372.744	347.352	311.031	310.949	351.671
Primary products.....		324110-P	06/85	386.091	359.210	320.759	320.672	363.782
Kerosene, except jet fuel.....		324110-B	06/85	412.371	372.967	322.178	314.828	367.497
Light fuel oils.....		324110-C	06/85	485.105	466.417	406.102	390.296	460.530
Home heating oil and other distillates, NEC.....		324110-C1	06/85	379.090	341.205	307.627	319.809	361.395
Diesel fuel.....		324110-C2	06/85	510.430	492.829	428.164	409.359	484.438
Heavy fuel oils, including No. 5, No. 6, heavy diesel, gas enrichment oils, etc.....		324110-E	06/85	306.152	290.227	269.697	269.275	274.221
Unfinished oils and lubricating oil base stock.....		324110-J	06/85	521.132	531.981	492.916	475.269	521.377
Liquefied refinery gases, including other aliphatics (feed stock and other uses)....		324110-R	06/85	536.775	570.616	575.644	581.651	658.956
Other finished petroleum products, including waxes.....		324110-T	06/85	656.449	554.058	460.767	442.068	429.933
Gasoline, including finished base stocks and blending agents.....		324110-1	06/85	287.006	258.651	235.761	243.705	273.951
Motor gasoline, including finished base stocks and blending agents.....		324110-12	06/85	287.596	259.936	236.608	244.641	275.448
Regular gasoline.....		324110-121	06/85	276.284	249.802	227.371	234.440	265.080
Mid-premium gasoline.....		324110-122	12/87	441.458	413.718	363.366	378.244	434.996
Premium gasoline.....		324110-123	06/85	315.987	284.467	259.672	271.021	300.099
Jet fuel.....		324110-6	06/85	401.653	378.403	332.526	333.981	372.386
Asphalt.....		324110-9	06/85	254.687	255.681	237.084	241.630	224.558
Secondary products and miscellaneous receipts.....		324110-SM1						
Asphalt paving and roofing materials mfg.....	32412		12/84	350.040	350.226	349.621	368.886	370.982
Asphalt paving mixture & block manufacturing.....	324121		06/81	395.140	396.433	394.334	434.151	435.251
Primary products.....		324121-P	06/81	394.381	395.729	393.542	434.495	435.640
Asphalt paving mixtures & blocks.....		324121-0	06/81	394.381	395.729	393.542	434.495	435.640
Emulsified asphalt, including liquid additives.....		324121-0111	12/04	282.226	282.781	283.833	283.335	282.248
Other liquid asphalt and tar paving materials, including cut-backs.....		324121-0121	12/04	390.347	389.883	390.014	397.099	396.835
Asphalt and tar paving mixt. (excl liquid), incl bitum. or asph. concrete, asph. paving cement.....		324121-0131	12/04	243.331	244.627	241.233	291.772	293.929
Secondary products and miscellaneous receipts.....		324121-SM						
Miscellaneous receipts.....		324121-M	12/04	208.152	208.152	208.152	215.282	215.282
Secondary products.....		324121-S	06/81	-	-	-	384.715	384.715
Asphalt shingle and coating materials manufacturing.....	324122		06/84	349.136	348.113	349.090	348.131	351.637
Primary products.....		324122-P	06/84	352.309	351.258	352.287	351.191	354.796
Roofing asphalts and pitches, coatings, and cements.....		324122-1	06/84	300.477	300.906	300.906	302.706	302.706
Prepared asphalt and tar roofing and siding products, incl. saturated felts for nonbuilding use.....		324122-2	06/84	355.212	354.033	355.150	353.800	357.709
Asphalt smooth-surfaced roll roofing and cap sheets, organic and fiberglass base.....		324122-21	12/12	154.608	159.412	159.412	159.412	159.412
Asphalt mineral-surfaced roll roofing and cap sheets, organic and fiberglass base.....		324122-22	06/06	277.507	277.811	277.794	277.885	277.885
Other prepared asphalt and tar products for roofing and siding.....		324122-27	06/06	177.662	177.690	177.008	178.080	177.796
Secondary products and miscellaneous receipts.....		324122-SM						
Other petroleum and coal products mfg.....	32419		12/84	554.160	554.504	557.204	556.674	554.098
Petroleum lubricating oil and grease mfg.....	324191		12/80	630.503	631.266	636.138	638.834	637.766
Primary products.....		324191-P	12/80	661.896	662.783	668.240	670.762	670.177
Petroleum lubricating oils and greases, refined petroleum.....		324191-0	12/80	661.896	662.783	668.240	670.762	670.177
Lubricating oils (incl. hydraulic fluids, etc.), refined petroleum.....		324191-011	12/80	683.889	684.515	690.617	693.438	692.782
Secondary products and miscellaneous receipts.....		324191-SM						
Miscellaneous receipts.....		324191-M	12/80	379.088	379.088	379.088	419.060	377.486
All other petroleum and coal products mfg.....	324199		12/03	351.957	351.434	349.560	342.631	337.277
Primary products.....		324199-P	12/03	363.948	363.400	361.436	354.150	348.538
Coke oven and blast furnace products, made in coke oven establishments.....		324199-3	12/09	205.468	204.177	203.696	205.475	202.666
All other petroleum and coal products (excl. coke oven products), made in coke oven estab.....		324199-9	12/02	400.093	399.621	397.378	388.583	382.366
Secondary products and miscellaneous receipts.....		324199-SM						
Secondary products.....		324199-S	12/09	182.977	182.977	182.977	183.820	183.820
Chemical mfg.....	325		12/84	353.018	351.687	350.364	349.309	351.882
Basic chemical mfg.....	3251		12/84	436.506	429.639	419.330	408.493	410.041
Petrochemical mfg.....	32511		12/03	149.824	149.511	145.353	140.800	144.444
Petrochemical manufacturing.....	325110		12/03	150.256	149.938	145.814	141.180	144.765

See footnotes at end of table.

Table 12. Producer price index percentage changes for the net output of selected industries and their products, not seasonally adjusted — Continued
 [February 2024]

Title ¹	Industry code	Product code	Unadjusted 12-month percent change ²	Unadjusted 1-month percent change ²				
			Feb. 2023 to Feb. 2024 ^P	Sept. to Oct.	Oct. to Nov. ^P	Nov. to Dec. ^P	Dec. to Jan. ^P	Jan. to Feb. ^P
Petroleum refineries.....	324110		-9.6	-8.9	-6.8	-10.5	0.0	13.1
Primary products.....		324110-P	-9.8	-9.1	-7.0	-10.7	0.0	13.4
Kerosene, except jet fuel.....		324110-B	-7.6	0.2	-9.6	-13.6	-2.3	16.7
Light fuel oils.....		324110-C	-10.4	-8.6	-3.9	-12.9	-3.9	18.0
Home heating oil and other distillates, NEC.....		324110-C1	2.0	-5.9	-10.0	-9.8	4.0	13.0
Diesel fuel.....		324110-C2	-11.2	-8.8	-3.4	-13.1	-4.4	18.3
Heavy fuel oils, including No. 5, No. 6, heavy diesel, gas enrichment oils, etc.....		324110-E	25.9	4.0	-5.2	-7.1	-0.2	1.8
Unfinished oils and lubricating oil base stock.....		324110-J	-5.7	11.9	2.1	-7.3	-3.6	9.7
Liquefied refinery gases, including other aliphatics (feed stock and other uses)....		324110-R	-34.0	3.6	6.3	0.9	1.0	13.3
Other finished petroleum products, including waxes.....		324110-T	-35.8	26.7	-15.6	-16.8	-4.1	-2.7
Gasoline, including finished base stocks and blending agents.....		324110-1	-6.4	-14.6	-9.9	-8.8	3.4	12.4
Motor gasoline, including finished base stocks and blending agents.....		324110-12	-6.3	-14.8	-9.6	-9.0	3.4	12.6
Regular gasoline.....		324110-121	-7.2	-15.2	-9.6	-9.0	3.1	13.1
Mid-premium gasoline.....		324110-122	-0.3	-15.3	-6.3	-12.2	4.1	15.0
Premium gasoline.....		324110-123	-3.6	-13.4	-10.0	-8.7	4.4	10.7
Jet fuel.....		324110-6	-9.0	-3.2	-5.8	-12.1	0.4	11.5
Asphalt.....		324110-9	3.4	-4.2	0.4	-7.3	1.9	-7.1
Secondary products and miscellaneous receipts.....		324110-SM1						
Asphalt paving and roofing materials mfg.....	32412		3.3	0.4	0.1	-0.2	5.5	0.6
Asphalt paving mixture & block manufacturing.....	324121		1.0	0.2	0.3	-0.5	10.1	0.3
Primary products.....		324121-P	0.8	0.3	0.3	-0.6	10.4	0.3
Asphalt paving mixtures & blocks.....		324121-0	0.8	0.3	0.3	-0.6	10.4	0.3
Emulsified asphalt, including liquid additives.....		324121-0111	3.9	0.1	0.2	0.4	-0.2	-0.4
Other liquid asphalt and tar paving materials, including cut-backs.....		324121-0121	-2.1	0.0	-0.1	0.0	1.8	-0.1
Asphalt and tar paving mixt. (excl liquid), incl bitum. or asph. concrete, asph. paving cement.....		324121-0131	-0.9	0.4	0.5	-1.4	21.0	0.7
Secondary products and miscellaneous receipts.....		324121-SM						
Miscellaneous receipts.....		324121-M	7.1	0.0	0.0	0.0	3.4	0.0
Secondary products.....		324121-S	4.8	-	-	-	-	0.0
Asphalt shingle and coating materials manufacturing.....	324122		6.6	0.7	-0.3	0.3	-0.3	1.0
Primary products.....		324122-P	6.7	0.7	-0.3	0.3	-0.3	1.0
Roofing asphalts and pitches, coatings, and cements.....		324122-1	1.0	0.0	0.1	0.0	0.6	0.0
Prepared asphalt and tar roofing and siding products, incl. saturated felts for nonbuilding use.....		324122-2	7.1	0.7	-0.3	0.3	-0.4	1.1
Asphalt smooth-surfaced roll roofing and cap sheets, organic and fiberglass base.....		324122-21	18.3	0.1	3.1	0.0	0.0	0.0
Asphalt mineral-surfaced roll roofing and cap sheets, organic and fiberglass base.....		324122-22	2.9	0.1	0.1	0.0	0.0	0.0
Other prepared asphalt and tar products for roofing and siding.....		324122-27	0.7	-0.8	0.0	-0.4	0.6	-0.2
Secondary products and miscellaneous receipts.....		324122-SM						
Other petroleum and coal products mfg.....	32419		-3.0	-0.3	0.1	0.5	-0.1	-0.5
Petroleum lubricating oil and grease mfg.....	324191		-0.6	0.5	0.1	0.8	0.4	-0.2
Primary products.....		324191-P	-1.3	-0.2	0.1	0.8	0.4	-0.1
Petroleum lubricating oils and greases, refined petroleum.....		324191-0	-1.3	-0.2	0.1	0.8	0.4	-0.1
Lubricating oils (incl. hydraulic fluids, etc.), refined petroleum.....		324191-011	-2.1	-0.2	0.1	0.9	0.4	-0.1
Secondary products and miscellaneous receipts.....		324191-SM						
Miscellaneous receipts.....		324191-M	-3.8	-4.3	0.0	0.0	10.5	-9.9
All other petroleum and coal products mfg.....	324199		-11.3	-3.2	-0.1	-0.5	-2.0	-1.6
Primary products.....		324199-P	-11.5	-3.2	-0.2	-0.5	-2.0	-1.6
Coke oven and blast furnace products, made in coke oven establishments.....		324199-3	-0.9	-0.1	-0.6	-0.2	0.9	-1.4
All other petroleum and coal products (excl. coke oven products), made in coke oven estab.....		324199-9	-12.1	-3.5	-0.1	-0.6	-2.2	-1.6
Secondary products and miscellaneous receipts.....		324199-SM						
Secondary products.....		324199-S	1.0	0.6	0.0	0.0	0.5	0.0
Chemical mfg.....	325		-2.8	0.3	-0.4	-0.4	-0.3	0.7
Basic chemical mfg.....	3251		-9.6	0.5	-1.6	-2.4	-2.6	0.4
Petrochemical mfg.....	32511		-6.4	4.0	-0.2	-2.8	-3.1	2.6
Petrochemical manufacturing.....	325110		-6.5	4.1	-0.2	-2.8	-3.2	2.5
Primary products.....		325110-P	-9.0	6.7	-0.3	-1.4	-5.2	0.4
Secondary products and miscellaneous receipts.....		325110-SM						
Industrial gas mfg.....	32512		2.1	0.8	-2.2	0.2	2.6	-1.6
Industrial gas manufacturing.....	325120		2.1	0.8	-2.2	0.2	2.6	-1.6
Primary products.....		325120-P	2.2	0.8	-2.2	0.2	2.6	-1.6

See footnotes at end of table.