



E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED
NEWPORT, DELAWARE 19804

CHEMICALS AND PIGMENTS DEPARTMENT

CC: P. A. Hopkins
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October 31, 1983

D. M. DIETZ
C&P
D6200

NEWPORT 1984 ENGINEERING ANNUAL ACCOUNTS

Attached are the Engineering Department Request for Funds, form EN-3278 (EWR), to cover the 1984 annual accounts for Newport. Table I is a summary of the requests which have been reviewed and agreed to by plant management.

- Mechanical Department - 1984 - Increase in annual accounts reflects increased specialty engineering assistance needed because of the limited resources of the Mechanical and Project Groups.
- Environmental - Continuing emphasis in environmental problems requires increased Engineering Department expertise.
- Operations - Water treatment problems in powerhouse is major need for Engineering help.
- R&D - With limited manpower, the anticipated need for Engineering help is unchanged.

The attached work requests* have been approved by all plant personnel and are ready for processing. Only two requests, "1984 Mechanical Assistance" and "1984 Materials of Construction Assistance" require additional Wilmington authorization.

These work requests are included in the 1984 cost forecast as lump sums and cannot be broken out as requested.

D. S. Watson
D. S. WATSON
SENIOR ENGINEER

DSW:jcp
Attachments

*D. M. Dietz copy only.

N 29272

TABLE I
EWR BREAKDOWN

<u>PLANT GROUP</u>	<u>\$ AUTHORIZED</u> <u>1983</u>	<u>1984 \$M</u> <u>SPENT</u> <u>TO DATE</u>	<u>PROPOSED</u> <u>1984</u>
Mechanical Department	65M	45.5M	81M
Operations	12M	7.2M	14M
Environmental	22M	19M	26M
R&D	27M	13.7M	27M
TOTAL	\$126M	\$85.4M	\$148M

DSWatson

10/31/83

N 29272.01

DUP050146368

RESP SECT	ACCOUNT	ACCOUNT TITLE	CURR. MO.	PLANT	DEPT.	EXPENSES YR TO DATE	SINCE AUTH	AMOUNT AUTHORIZED	PERCENT EXPENDED	DATE AUTH CLOSED
		CHEMICALS & PIGMENTS		4346	NEWARK NJ-R&D					
51340	379074	IMPROVING ZINC YELLOW QUALITY				1 000	1 000	1 000	100	08/83
54434	379576	SURVEY METER CALIBRATION				97	97	97	100	10/83
		TOTAL ESD				1 097	1 097	1 097		
		TOTAL PLANT 4346				1 097	1 097	1 097		
		TOTAL OPEN ACCOUNTS				97	97	97		

N 29272.02

DUP050146369

5572-07 400 434-

TO P A WRIEDE
CEP
JACKSON LAB

FROM ENGINEERING DEPT
OPERATING COST ACCOUNTING
LOUVIERS BLDG. RM. 31W22

NOTE CHANGES AND RETURN LABEL
TO THE ABOVE ADDRESS

N 29272.03

DUP050146370

RESP SECT	ACCOUNT	ACCOUNT TITLE	CURR. MO.	EXPENSES YR TO DATE	SINCE AUTH	AMOUNT AUTHORIZED	PERCENT EXPENDED	DATE AUTH	CLOSED
DEPT. 400	CHEMICALS & PIGMENTS	PLANT 4345 NEWARK NJ-PRODUCTION							
51318	374014	PULVERIZER DUST CONTROL-ORGANIC FINI		3 318	6 160	9 000	68	09/82	
51340	378557	IMPROVING MOLYBDATE ORANGE QUALITY		1 900	1 900	1 900	100	06/83	07/83
52141	376323	PWR TRNING SEMINARS	550	1 125	1 125	1 125	100	01/83	
52622	371534	TUBULAR CONVEYING OF PIGMENT DRYER		480	3 261	6 000	54	01/82	
54447	375023	GAS METER FLOW TEST		60	60	60	100	11/82	02/83
52106	376328	1983 PWR CONS		801	801	1 500	53	01/83	
52401	376329	1983 MAINT CONS		1 906	1 906	3 000	64	01/83	
52419	376326	1983 ELECT CONS & TESTING	200	2 327	2 327	3 000	78	01/83	
52523	376330	1983 MAIL OF CONSTR ASST		935	935	1 500	62	01/83	
54616	376325	1983 PRETRTMT PRGM CONS		358	358	5 000	07	01/83	
54630	376327	1983 BOILER WTR CONS		100	100	2 000	05	01/83	
57122	376324	1983 GEN CONS	278	2 685	2 685	2 500	107	01/83	
		TOTAL ESD	1 028	15 995	21 618	36 585			
91800	212182	I-LOU8038 (JJK)		29	13 184			08/82	02/83
91800	212536	I-LOU12341F (JGW)		1 012	1 012			01/83	05/83
		TOTAL CONSTRUCTION		1 041	14 196				
A3100	194070	ENGG DEPT REPRODUCTION CHARGE						01/83	
		TOTAL SERVICE CHARGES							
		TOTAL PLANT 4345	1 028	17 036	35 814	36 585			
		TOTAL OPEN ACCOUNTS	1 028	14 035	19 658	34 625			

N 29272.04

RESP SECT ACCOUNT ACCOUNT TITLE DEPT. 400 CHEMICALS & PIGMENTS PLANT 4676 NEWPORT DEL-R&D

EXPENSES	CURR. MO.	YR TO DATE	SINCE AUTH	AMOUNT AUTHORIZED	PERCENT EXPENDED	DATE	CLOSED
54420	377483	SLM CALIBRATION	88	88	90	03/83	09/83
54420	378348	CALIBRATOR CALIBRATIONS	188	188	200	06/83	
54434	378328	SURVEY METER CALIBRATION	146	146	150	05/83	
54436	379031	GRIND TPA			1 000	08/83	
54443	379030	DRALON T. PERMEABILITY	485	485	500	08/83	
54452	379571	WASTE OIL FL.PTS	485	485	500	09/83	10/83
51200	S 376278	1983 HEAT & MASS TRNF & FLUID FLOW	1 458	1 458	2 000	73	11/82
52106	S 376275	1983 ENERGY CONSERVATION	171	1 922	3 000	64	11/82
54302	S 376277	1983 POLLUTION CONTROL	576	576	2 000	29	11/82
54616	376276	1983 WSTEWR CONS	5 010	5 010	5 000	100	11/82
55417	S 376279	1983 PROCESS CONTROL& INSTR			5 000		11/82
57122	376230	1983 ESD FLD ASSIGN - W NOBBEE	13 390	13 390	14 000	96	12/82 06/83
57122	S 376281	1983 GEN CONS	292	3 711	10 000	37	11/82 09/83

TOTAL ESD 452 27 459 27 459 43 440

TOTAL PLANT 4676 452 27 459 27 459 43 440

TOTAL OPEN ACCOUNTS 160 9 785 9 785 18 850

5572-08 400 467-

TO P A WRIEDE
C&P
JACKSON LAB

FROM ENGINEERING DEPT
OPERATING COST ACCOUNTING
LOUVIERS BLDG. RM. 31W22

NOTE CHANGES AND RETURN LABEL
TO THE ABOVE ADDRESS

N 29272.05

DUP050146373

REPORT 005572 FOR 83/10 ENGG DEPT STUDY COST AND SERVICE CHARGES DATE 83/10/26 TIME 00:38:20

RESP SECT ACCOUNT ACCOUNT TITLE DEPT. 400 CHEMICALS & PIGMENTS PLANT 4675 NEWPORT DEL-PRODUCTION

E X P E N D I T U R E S C U R R . M O . Y R TO DATE SINCE AUTH AMOUNT PERCENT AUTH CLOSED

91800	212118	I-LONW002770F (JCW)	309	347	07/82	03/83
91800	212580	I-LONW005577F (JCW)	625	625	01/83	04/83
91800	212697	I-LONW007534 (JCW)	877	877	03/83	04/83
91800	212713	I-LONW007362F (JCW)	304	304	03/83	06/83
91800	212752	I-LONW00424F (JCW)	798	798	03/83	08/83
91800	212823	I-LONW 007611F (GAG)	26	26	04/83	05/83
91800	213024	I-LONW007632H (JCW)	160	160	07/83	
91800	213083	I-LONW008993 (GAG)	420	420	07/83	
91800	213219	I-LONW009507 (JCW)			09/83	
91800	213223	I-LONW008703 (JCW)	168	168	09/83	

TOTAL CONSTRUCTION

588 3 687 3 763

A3100 192990 ENGG DEPT REPRODUCTION CHARGE

01/83

TOTAL SERVICE CHARGES

153 708 708

TOTAL PLANT 4675

20 807 141 901 240 030 319 300

TOTAL OPEN ACCOUNTS

20 807 139 903 173 375 241 550

N 29272.06

DUP050146374

RESP SECT	ACCOUNT	ACCOUNT TITLE	CURR. MO.	EXPENSES YR TO DATE	SINCE AUTH	AMOUNT AUTHORIZED	PERCENT EXPENDED	DATE AUTH CLOSED
DEPT. 400	CHEMICALS & PIGMENTS	PLANT 4670	NEWPORT DEL.					
91800	213167	I-LONW009186 (JCW)		336		336		08/83
		TOTAL CONSTRUCTION		336		336		
		TOTAL PLANT 4670		336		336		
		TOTAL OPEN ACCOUNTS		336		336		

91800 211891 I-LONW 001543F (JCW)