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EP-316A
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8-21-84

PHILADELPHIA ELECTRIC COMPANY

PEACH BOTTOM UNITS 2 & 3

EP-316A READING THE RAPID DOSE ASSESSMENT I PROGRAM INTO THE TI-59

PURPOSE:

The purpose of this procedure is to explain the method necessary to enter the Rapid Dose Assessment I into the memory of a TI-59.

PROCEDURE:


1. Turn on calculator, (switch on top of calculator) and printer, (switch on right side). The red light on the printer is on and the display should indicate 0.
2. Press CLR.
3. Enter the following:
2
2nd
OP, (above 9)
17

Display should indicate 799.19. If not, turn calculator off then on and repeat Steps 2 and 3.

4. Press CLR.
Display should indicate 0.
5. Enter the following:


INV
2nd
FIX, {above {}

Display should indicate 0.


6. Press CLR.
7. Slide magnetic program card Rapid Dose Assessment I 799.19 side 1 (1 ) into lower slot on right hand side of calculator.

Display should indicate 1. If display flashes 1 the read was not successful. Return to Step 1 and repeat.


8411010274 840914
PDR ADOCK 05000277
F PDR

8. Press CLR.
9. Slide side 2 (2 ) of the same card into calculator lower slot.

Display should indicate 2. If it flashes 2, the read was not successful. Press CLR and try side 2 again. If still not successful, try the back-up set of magnetic program cards and begin with Step 1. If still unsuccessful, do manual calculation.

10. Press CLR.
11. Slide in side 3 (3 ) on the second card.

Display should indicate 3.
If flashing, go to Step 9.

12. Press CLR.
13. Slide in side 4 (4 ) on the second card.

Display should indicate 4.
If flashing, go to Step 9.

14. Enter the following to initiate program:

2nd
E

Display will show 0.
If initiation is not done, the first calculation will cause the following:

- (a) First calculation aborted
- (b) Print '0' error message
- (c) Perform auto initiation of program

[Handwritten Signature]
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PEACH BOTTOM UNITS 2 & 3

EP-316B CALCULATING RAPID DOSE ASSESSMENT ON THE TI-59

PURPOSE:

The purpose of this procedure is to direct the operator how to enter data and perform calculation using the Rapid Dose Assessment I program on the TI-59.

PREREQUISITES:

1. Must perform procedure EP-316A first.

PROCEDURE:

1. a. If performing an inhalation calculation press D, then continue with Step 2.
b. If performing a whole body calculation, omit Step 1 and continue with Step 2.
2. Enter the vent or stack count rate.
3. Press button for release location and monitor.

NORMAL RANGE MONITOR

<u>Button</u>	<u>Press</u>	<u>Location</u>	<u>Calculator Label</u>
A	A	Main Stack	MS-N
B	B	#2 Vent	U2-N
C	C	#3 Vent	U3-N

HI RANGE MONITOR

A'	2nd A	Main Stack	MS-H
B'	2nd B	#2 Vent	U2-H
C'	2nd C	#3 Vent	U3-H

Print Out: (a) Release Location
(b) Count rate

If error message "Wrong Key" prints, return to Step 1 and repeat.

To correct count rate entered, press 2nd D, then return to Step 1 and repeat.

4. Enter flow rate from release location, then press E.

Print Out: Dose Level (mrem)

<u>Release Point</u>	<u>Calculated Location</u>
Main Stack	5 mile
Vent Stack	1.5 mile

If error message "'0' Error" prints, return to Step 1 and repeat.

REPEAT CALCULATIONS:

1. To repeat calculations, return to Step 1.
2. To change from whole body to inhalation or inhalation to whole body, return to Step 1.

PROGRAM SUMMARY:

1. Press D if performing an inhalation calculation, otherwise omit Step 1.
2. Enter the vent or stack count rate.
3. Press one of the buttons below that describes release location and monitor.

<u>NORMAL RANGE MONITOR</u>				<u>HIGH RANGE MONITOR</u>			
<u>BUTTON</u>	<u>PRESS</u>	<u>LOCATION</u>	<u>CALCULATOR LABEL</u>	<u>BUTTON</u>	<u>PRESS</u>	<u>LOCATION</u>	<u>CALCULATOR LABEL</u>
A	A	Main Stack	MS-N	A'	2nd A	Main Stack	MS-H
B	B	Unit 2 Vent	U2-N	B'	2nd B	Unit 2 Vent	U2-H
C	C	Unit 3 Vent	U3-N	C'	2nd C	Unit 3 Vent	U3-H

4. Enter release flow rate.
5. Press E, labeled flow.

Special Note:

D' (2nd) To clear and reset program after entering an incorrect count rate, restart data entry with Step 1.

Wrong Key Data Entry Error -- performed by entering two count rates sequentially or a flow rate before count rate. Restart data entry with Step 1.

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8/27/84

PHILADELPHIA ELECTRIC COMPANY
PEACH BOTTOM UNITS 2 & 3

EP-209 APPENDIX D-3 FIRE AND DAMAGE TEAM

Fire and Damage Team Leader

J. K. Davenport

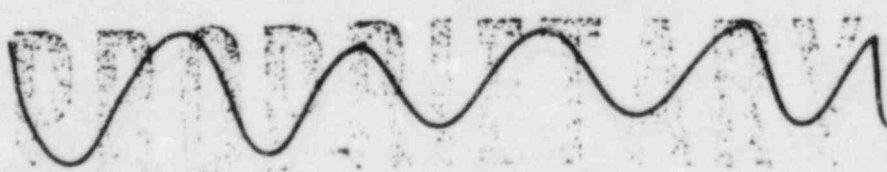
Alternate

D. B. Warfel

Fire and Interim Damage Team Members

L. Rhodes
W. Bradley
J. Barbour
W. Gleaves
T. Megashko
W. Watson, Jr.
R. Hart
J. Gribble
S. Nazian
J. Baldwin
G. Swayne
A. Winters
S. Sullivan
J. Lutsky
S. Cohn
D. Kauffman
Z. Crowley
R. Proctor

W. Tharpe
L. MacEntee, III
W. Johnson, Jr.
S. Johnson
R. Ruff
R. Maldonado
D. Howard
S. Volz
W. Roe
J. Weir
J. McClintock
D. Stevenson
R. Kirkhoff
M. Smyth
M. Sheridan
G. Dickerson
A. Ruley
R. Birmingham



Maintenance Personnel - Damage Augmentation Forces

Kemper
Rabayo
Cibroski
Nichols, T.
Stull
Speakman
Thompson, R.
Brainerd
Schlegel
May
Lingo
Stewart
Malloy

Juancito
Galliera
Brewer
Colvin
Urian, W.
Maas
Stinger
Reiss
Dalson
Harris
S. Martin
Skelton
Curry
Tierney
Davis
Fiochi
Turek
Stoddard
Fritz
Sullivan
Altrogge
Watson, D.
Leavesley
Strohl
Evans
Moore
Devery
Jones
McDade
Pfender
Snowden
Martin, M.
Scott, N. L.
Taylor, D.
Shanbarger
Howarth
Williams
Emanuel
Rath R.

Shortes
Mellor
Farrington
Rightmire
Sunday
Rath, T.
Johnson
Heverly
Doyle, T.
McCleary
Curran
McCarron
Cann
McNeill
Jones, S.
Glidden
Fenimore
McFadden
Fletcher
Callahan
Craig
Young
Worthen

Blake

Dorris

Coyle
Paulson
Nacrelli
Saraullo
Kracher
Urian, B.
Paine
Murray
Hughes
Wilson
Robertson
Hoch
Nichols, D.
Douglas
S. Webster
Hammond
Minnich
Macauley
Force

Washington
Hamilton
Kembring
Terney
Cosgrove

PROPRIETARY

Guzeko
Halpin
McDaniel
Ward
Robinson
Tarbert
Smith
McNally
Plummer
D. Andrea
Macatee
Frampton
Maxton



Bradley
Grimm
Konrad
Constantini
Capoferri
Boynes
Whicker

Holgate
Black
Reed



PROPRIETARY

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R. A. KANKUS
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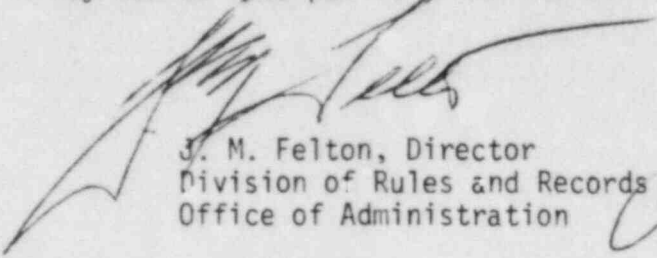
WASHINGTON, D. C. 20555

October 23, 1984

50-277/278 Peach Bottom

MEMORANDUM FOR: Chief, Document Management Branch, TIDC
FROM: Director, Division of Rules and Records, ADM
SUBJECT: REVIEW OF UTILITY EMERGENCY PLAN DOCUMENTATION

The Division of Rules and Records has reviewed the attached document and has determined that it may now be made publicly available.


J. M. Felton, Director
Division of Rules and Records
Office of Administration

Attachment: As stated