

Special Exposure Cohort Petition
under the Energy Employees Occupational
Illness Compensation Act

U.S. Department of Health and Human Services
Centers for Disease Control and Prevention
National Institute for Occupational Safety and Health

OMB Number: 0920-0639 Expires: 05/31/2007

Special Exposure Cohort Petition — Form B

B Survivor Information — Complete Section B if you are a Survivor or representing a Survivor.

B.1 Name of Survivor:

Mr./Mrs./Ms. First Name Middle Initial Last Name

B.2 Social Security Number of Survivor:

B.3 Address of Survivor:

Street Apt # P.O. Box

City State Zip Code

B.4 Telephone Number of Survivor: () - -

B.5 Email Address of Survivor:

B.6 Relationship to Employee: Spouse Son/Daughter Parent
 Grandparent Grandchild

Go to Part C

C Employee Information — Complete Section C UNLESS you are a labor organization.

C.1 Name

Mr./Mrs./Ms. First Name Middle Initial Last Name

C.2 Former Name of Employee (e.g., maiden name/legal name change/other):

Mr./Mrs./Ms. First Name Middle Initial Last Name

C.3 Social Security Number of Employee:

C.4 Address of Employee (if living):

Apt # P.O. Box

City State Zip Code

C.5 Telephone Number of Employee:

C.6 Email Address of Employee:

C.7 Employment Information Related to Petition:

C.7a Employee Number (if known):

C.7b Dates of Employment: Start 1962 End 1964

C.7c Employer Name: (NUMEC) NUCLEAR MATERIALS & EQUIPMENT CORP.

C.7d Work Site Location: APOLLO, PA

C.7e Supervisor's Name: (DECEASED)

HAS A NIOSH CLAIM #

Go to Part E.

Name or Social Security Number of First Petitioner:

2 SEC 00047

Special Exposure Cohort Petition — Form B

Use of this form and disclosure of Social Security Number are voluntary. Failure to use this form or disclose this number will not result in the denial of any right, benefit, or privilege to which you may be entitled.

Use this Appendix for Petitioner 2.

This appendix form is to be used as needed. Petitioner 2, or his or her representative, should complete the parts applicable to him or her.

Refer to the General Instructions on completing petitioner information for Parts A, B, or C.

If you need more space to provide additional information, use the continuation page provided at the end of the form and attach the completed continuation page(s) to Form B.

Except for signatures, please PRINT all information clearly and neatly on the form.

If you are:	<input checked="" type="checkbox"/> An Energy Employee (current or former),	Start at C
	<input type="checkbox"/> A Survivor (of a former Energy Employee),	Start at B
	<input type="checkbox"/> A Representative (of a current or former Energy Employee),	Start at A

A Representative Information — Complete Section A if you are authorized by an Employee or Survivor(s) to petition on behalf of a class.

A.1 Are you a contact person for an organization? Yes (Go to A.2) No (Go to A.3)

A.2 Organization Information:

Name of Organization _____

Position of Contact Person _____

A.3 Name of Petition Representative:

Mr./Mrs./Ms.	First Name	Middle Initial	Last Name
_____	_____	_____	_____

A.4 Address:

Street	Apt #	P.O. Box
_____	_____	_____

City	State	Zip Code
_____	_____	_____

A.5 Telephone Number: () _____

A.6 Email Address: _____

A.7 Check the box at left to indicate you have attached to the back of this form written authorization to petition by the survivor(s) or employee(s) indicated in Parts B or C of this form. An authorization form for this purpose is provided.

If you are representing a Survivor, go to Part B; if you are representing an Employee, go to Part C.

Name or Social Security Number of First Petitioner: _____

Special Exposure Cohort Petition — Form B

D Labor Organization Information — Complete Section D ONLY if you are a labor organization.

D.1 Labor Organization Information:

Name of Organization

Position of Contact Person

D.2 Name of Petition Representative:

D.3 Address of Petition Representative:

Street

Apt #

P.O. Box

City

State

Zip Code

D.4 Telephone Number of Petition Representative: () _____

D.5 Email Address of Petition Representative: _____

**D.6 Period during which labor organization represented employees covered by this petition
(please attach documentation):** Start _____ End _____

**D.7 Identity of other labor organizations that may represent or have represented this class of
employees (if known):**

Go to Part E

Name or Social Security Number of First Petitioner: _____

Special Exposure Cohort Petition — Form B

E Proposed Definition of Employee Class Covered by Petition — Complete Section E.

E.1 Name of DOE or AWE Facility: (NUMEC) NUCLEAR MATERIALS & EQUIPMENT CORP.

E.2 Locations at the Facility relevant to this petition:
NUMEC APOLLO OFFICE BUILDING
NUMEC APOLLO PLANT

E.3 List job titles and/or job duties of employees included in the class. In addition, you can list by name any individuals other than petitioners identified on this form who you believe should be included in this class:
ALL NUMEC OFFICE EMPLOYEES ADMINISTRATIVE & CLERICAL
ALL NUMEC APOLLO PLANT EMPLOYEES

E.4 Employment Dates relevant to this petition:
Start 1957 End 1983
Start _____ End _____
Start 02/14/1963 End URANIUM FIRE INCIDENT

E.5 Is the petition based on one or more unmonitored, unrecorded, or inadequately monitored or recorded exposure incidents?: Yes No
If yes, provide the date(s) of the incident(s) and a complete description (attach additional pages as necessary):

DATE OF INCIDENT IS 02/14/1963
SEE ATTACHED AFFIDAVIT

Go to Part F.

Name or Social Security Number of First Petitioner: _____

Special Exposure Cohort Petition — Form B

F Basis for Proposing that Records and Information are Inadequate for Individual Dose —
Complete Section F.

Complete at least one of the following entries in this section by checking the appropriate box and providing the required information related to the selection. You are not required to complete more than one entry.

F.1 I/We have attached either documents or statements provided by affidavit that indicate that radiation exposures and radiation doses potentially incurred by members of the proposed class, that relate to this petition, were not monitored, either through personal monitoring or through area monitoring.

(Attach documents and/or affidavits to the back of the petition form.)

Describe as completely as possible, to the extent it might be unclear, how the attached documentation and/or affidavit(s) indicate that potential radiation exposures were not monitored.

OFFICE WORKERS DID NOT WEAR
DOSE BADGES AND WERE NOT MONITORED IN THE
OFFICE BUILDING.

F.2 I/We have attached either documents or statements provided by affidavit that indicate that radiation monitoring records for members of the proposed class have been lost, falsified, or destroyed; or that there is no information regarding monitoring, source, source term, or process from the site where the employees worked.

(Attach documents and/or affidavits to the back of the petition form.)

Describe as completely as possible, to the extent it might be unclear, how the attached documentation and/or affidavit(s) indicate that radiation monitoring records for members of the proposed class have been lost, altered illegally, or destroyed.

MONITOR INSTRUMENTS WERE NOT ADEQUATE

Part F is continued on the following page.

Name or Social Security Number of First Petitioner:

Continuation Page — Photocopy and complete as necessary.

SEC PETITION 00047
NUMEC APOLLO SITE

AFFIDAVIT

RADIOACTIVE INCIDENT 02/14/1963

THIS WAS A WORKDAY FOR ME AND I WAS
IN AND OUT OF THE NUMEC OFFICE AND PLANT
IN APOLLO, PA.

AN UNCONTROLABLE URANIUM FIRE ERUPTED
INSIDE THE APOLLO PLANT DISPERSING SEVEN POUNDS
OF RADIOACTIVE SMOKE AND DUST INTO THE AIR
AND ONTO THE OFFICE BUILDING, PLANT SIDEWALKS
AND PARKED VEHICLES AT THE NUMEC SITE.

THE RADIATION WAS EQUIVALENT TO 20,000
CHEST X-RAYS ACCORDING TO NUCLEAR RESEARCHER
WHO TESTIFIED IN A COURT OF
LAW IN PITTSBURGH, PA. IN WHICH THE NUMEC
NEIGHBORS WON A \$36.7 MILLION LAWSUIT AGAINST
NUMEC-ARCO-BABCOCK & WILCOX FOR CAUSING THEM
CANCER AND DEATHS FROM THE RADIOACTIVE
EMISSIONS FROM THE NUMEC PLANT'S SMOKESTACKS.

ALL NUMEC WORKERS WERE ALSO AFFECTED. WORKERS
WERE NOT AWARE OF THE SERIOUSNESS OF THE INCIDENT
UNTIL IT WAS DECLASSIFIED YEARS LATER.

THIS INCIDENT IS ONLY ONE OF MANY TIMES THAT
HIGHLY CONTAMINATED SMOKE SPEWED DOWN ONTO
THE NUMEC APOLLO WORKSITE. USUALLY IT RAINED
URANIUM HEXAFLUORIDE FROM THE SHORT SMOKESTACKS
OF THE APOLLO PLANT AND IT COATED EVERYTHING
AT THE SITE AND AROUND THE SITE. THE ROGER D.
CALDWELL ARCHIVES CLEARLY SHOWS THE FALLOUT
PATTERN OF CONTAMINATION FROM THE SHORT SMOKESTACKS,

OFFICE WORKERS DID NOT WEAR DOSE BADGES

Attach to Form B if necessary.

Name or Social Security Number of First Petitioner

25

NOTARIAL SEAL
MARY J. APPELGARTH, Notary Public
Moon Twp., County of Allegheny
My Commission Expires Mar. 16, 2008

NOTARIAL SEAL
MARY J. APPELGARTH, Notary Public
Moon Twp., County of Allegheny
My Commission Expires Mar. 16, 2008

1/18/06
Mary J. Applegarth

Continuation Page — Photocopy and complete as necessary.

ES
SPEC PETITION 00047
NUMEC APOLLO SITE

AFFIDAVIT

THE COUNTER PROLIFERATION PAPERS
FUTURE WARFARE SERIES NO. 2
ISRAEL'S NUCLEAR WEAPONS

THE THIRD TEMPLE HOLY OF HOLIES BY WARNER D. FARR LTC US ARMY

FOUND ON THE FOLLOWING WEBSITES

- ① WWW.AV.AF.MIL/AU/AWC/AWCGATE/AWC-CRS.HTM
- ② HTTP:FAS.ORG/NUKE/GUIDE/ISRAEL/NUKE/FARR.HTM

UNITED STATES AIR FORCE COUNTER PROLIFERATION CENTER
325 CHENNAULP CIRCLE
MAXWELL AF BASE, AL 36112-6427

THE ARTICLE SAYS THAT 100 KILOS OF PLUTONIUM
THAT WAS MISSING SINCE THE 1960'S WAS FOUND
IN THE 1990'S WITHIN THE STRUCTURAL COMPONENTS
OF THE CONTAMINATED NUMEC APOLLO PLANT
WHEN IT WAS DECOMMISSIONED BY THE NRC.
THIS IS THE CONSENSUS OF THE FACULTY AT THE
UNITED STATES AIR WAR COLLEGE.

I. RECALL THAT GOVERNMENT
AGENTS WERE INVESTIGATING MISSING
RADIOACTIVE MATERIALS WHEN I WORKED AT
THE NUMEC OFFICE BUILDING IN 1964

1-18-06 *Mary J. Applegarth*

NOTARIAL SEAL
MARY J. APPLGARTH, Notary Public
Moon Twp., County of Allegheny
My Commission Expires Mar. 13, 2008

Attach to Form B if necessary

Name or Social Security Number of First Petitioner

Continuation Page — Photocopy and complete as necessary.

SEC PETITION 00047 AFFIDAVIT
NUMEC APOLLO OFFICE BUILDING
DOSIMETRY BADGES

I WORKED IN THE ACCOUNTING DEPARTMENT AT THE
NUMEC OFFICE BUILDING IN APOLLO, PA. FROM
1962 — 1964. RADIATION EXPOSURES
AND RADIATION DOSES POTENTIALLY INCURRED
BY OFFICE WORKERS WERE NOT MONITORED
THROUGH PERSONAL MONITORING OR THROUGH
AREA MONITORING. OFFICE WORKERS DID NOT
WEAR DOSE BADGES AND THERE ARE NO
DOSIMETRY REPORTS ON OFFICE WORKERS THAT I
AM AWARE OF.

1-18-06 *Mary J. Applegarth*

NOTARIAL SEAL
MARY J. APPLGARTH, Notary Public
Moon Twp., County of Allegheny
My Commission Expires Mar. 13, 2008

Attach to Form B if necessary.

Name or Social Security Number of First Petitioner

Continuation Page — Photocopy and complete as necessary.

FI
SEC PETITION 00047 AFFIDAVIT
NUMEC, APOLLO OFFICE BUILDING
CONTAMINATED TIME CARDS

TENS OF THOUSANDS OF TIMECARDS BECAME HIGHLY
CONTAMINATED WITH PLUTONIUM & URANIUM DUST
BECAUSE OF THEIR PHYSICAL PRESENCE IN THE
NUMEC APOLLO & PARKS PLANTS. WORKERS ALSO
CONTAMINATED THEIR CARDS BY TOUCHING THEM
WHEN THEY PUNCHED IN & OUT. THESE CONTAMINATED
CARDS WERE THEN BROUGHT INTO THE OFFICE BUILDING
WHERE CLERKS WORKED ON THEM FOR PAY PURPOSES.
EVERY TIME CARD WAS FIGURED BY A CLERK WITH
A PENCIL & ADDING MACHINE. ALL OF THE
TIME CARDS LAYING ON DESKS RESULTED IN A CONTINUOUS
RADIOACTIVE DUST OFFICE POLLUTION BY ABSORPTION,
INHALEATION, & INGESTION. THE ACCOUNTING
DEPARTMENT STORED BOXES & BOXES OF HIGHLY
CONTAMINATED TIMECARDS FROM THE PREVIOUS
PAY PERIODS OVER THE YEARS.

THE OFFICE WORKERS NOT MONITORED WITH
DOSE BADGES OR AREA MONITORING.

1/18/06

Mary J. Applegarth

NOTARIAL SEAL
MARY J. APPLGARTH, Notary Public
Moon Twp., County of Allegheny
My Commission Expires Mar. 13, 2008

Attach to Form B if necessary.

Name or Social Security Number of First Petitioner: _____

Special Exposure Cohort Petition — Form B

Continuation Page — Photocopy and complete as necessary.

SEC PETITION 00047

AFFIDAVIT

DOE/EW/40017-T6

DEPARTMENT OF ENERGY REPORT DATED 04/30/1997
APOLLO DECOMMISSIONING PROJECT APOLLO, PA.
FINAL TECHNICAL REPORT

THE DECONTAMINATION REPORT OF APOLLO STATES THAT
THE APOLLO PLANT OFFICE BUILDING WAS NOT AN ORIGINAL
PART OF THE APOLLO PLANT DECOMMISSIONING PROJECT.
IT WAS INCLUDED AS PART OF THE PROJECT IN THE
SPRING OF 1993 AFTER IT WAS DETERMINED THAT
FLOOR BOARDS AND DRAW LINES CONTAINED URANIUM
LEVELS THAT EXCEEDED 30 PCIV/G.
THE APOLLO OFFICE BUILDING AND PLANT BOTH HAD TO
BE CAREFULLY DEMOLISHED. CONTAMINATED DEBRIS
AND SOIL CONTAINING >30 PCIV/G WAS LOADED ON
GONDOLA CARS AND TAKEN AWAY FOR CONTROLLED
OFFSITE DISPOSAL.

NIOSH'S OWN RECORDS PRESENTLY SHOW THE HIGH
RESIDUAL RADIOACTIVE CONTAMINATION THAT
EXISTED WHEN THE NUMEC SITE WAS DEMOLISHED.

I RECALL IN THE YEARS 1962-63-64 WHEN
I WORKED IN THE ACCOUNTING DEPARTMENT IN NUMEC
WHICH WAS LOCATED ON THE SECOND FLOOR OF THE
SMALL THREE STORY BUILDING, THAT THERE WAS A
CHEMICAL TESTING LAB BELOW OUR LARGE OFFICE.

1-18-06

Mary J. Applegarth

NOTARIAL SEAL
MARY J. APPLGARTH, Notary Public
Moon Twp. County of Allegheny
My Commission Expires Mar. 13, 2008

Attach to Form B if necessary.

Name or Social Security Number of First Petitioner: _____

F2

Special Exposure Cohort Petition
under the Energy Employees Occupational
Illness Compensation Act

U.S. Department of Health and Human Services
Centers for Disease Control and Prevention
National Institute for Occupational Safety and Health

Special Exposure Cohort Petition — Form B

OMB Number: 0920-0639 Expires: 05/31/2007
Appendix — Continuation Page

Continuation Page — Photocopy and complete as necessary.

SEC PETITION 00047
NUMEC APOLLO SITE

AFFADAVIT

RADIATION MONITORING INSTRUMENTS

RADIATION DOSES AND RADIATION EXPOSURES WERE
~~NOT~~ MONITORED ACURATELY. THEY WERE MONITORED
INADEQUATELY AT THE NUMEC APOLLO AND PARKS
SITE. ACCORDING TO THE ROGER D. CALDWELL
ARCHIVES WHO WAS A PIONEERING HEALTH PHYSICIST
WHO WORKED AT BROOKHAVEN NATIONAL LABORATORY
IN THE HEALTH AND SAFETY GROUP AT THE NUCLEAR
MATERIALS AND EQUIPMENT (NUMEC) IN APOLLO, PA.
DURING THE 1960'S AND INTO THE 1970'S ROGER
STRUGGLED WITH THE CHALLENGES OF PROTECTING
WORKERS FROM INTAKES OF URANIUM AND PLUTONIUM,
HE MEASURED HOW WELL PROTECTION HAD SUCCEEDED
USING BIOASSAY, AIR SAMPLES, AND WORKPLACE INDICATORS,

HE SHOWED THAT TRADITIONAL INDICATORS
WERE NOT ADEQUATE AND DEVELOPED NEW MEANS
TO MONITOR WORKERS THAT WERE ADEQUATE.

1-18-08

Mary J. Applegarth

NOTARIAL SEAL
MARY J. APPELGARTH, Notary Public
Moon Twp., County of Allegheny
My Commission Expires Mar. 13, 2008

Attach to Form B if necessary.

Name or Social Security Number of First Petitioner

ET
F3
EX
ES

Special Exposure Cohort Petition
under the Energy Employees Occupational
Illness Compensation Act

U.S. Department of Health and Human Services
Centers for Disease Control and Prevention
National Institute for Occupational Safety and Health

Special Exposure Cohort Petition -- Form B

OMB Number: 0620-0639 Expires: 05/31/2007
Appendix -- Continuation Page

Continuation Page -- Photocopy and complete as necessary.

ROGER D. CALDWELL ARCHIVES

ON THE INTERNET [HTTP://BIDUG.PNL.GOV/RDC.HTM](http://BIDUG.PNL.GOV/RDC.HTM)

AND SPECIFICALLY THE ARTICLE ENTITLED
ENVIRONMENTAL MONITORING NEAR A MULTI-STACK
URANIUM PLANT BY R.D. CALDWELL AND R.F. CRASBY.
THE ARTICLE HAS DIAGRAMS AND PICTURES OF THE NUMEC
PLANT SHOWING FALLOUT PATTERNS FROM THE 124 SMOKE
STACKS THAT WERE ONLY 40 FT TALL. THE OFFICE BUILDING
WAS NEAR THE STACKS WHICH HAD RAINCAPS ON THEM
AND WOULD FORCE THE CONTAMINATED SMOKE DOWN. A CHART
ON PAGE 23 INDICATES 10% OF THE OUTFALL WOULD HAVE
CONTAMINATED THE OFFICE AREA WHICH WAS ONLY 30 FT HIGH.
THE CHART ALSO SHOWS A MUCH HIGHER % OF CONTAMINATION
THE CLOSER TO THE OUTSIDE PLANT WALLS AND ALMOST ALL
AROUND THE WALKWAYS AND ENTRANCES. THE CONTAMINATION
HERE IS THE SAME AS ON THE ROOF OF THE PLANT WHICH
IS THE HIGHEST CONTAMINATION READING POSSIBLE. ROGER
CALDWELL WORKED AT NUMEC AND CONDUCTED THESE TESTS.
MR CALDWELL IN HIS OWN WORDS STATED "A BETTER
SET FOR DOWNWASH CANNOT BE IMAGINED." MR
CALDWELL WAS AN OUTSTANDING HEALTH PHYSICIST AND THE
RECIPIENT OF MANY AWARDS IN HIS FIELD. MR CALDWELL
DIED AT THE AGE OF 39. BEFORE MR CALDWELL'S
DEATH, HE RECORDED MANY HIGHLY RADIOACTIVE INCIDENTS
AT NUMEC WHICH CAN BE FOUND ON THE INTERNET IN
THE "ROGER D. CALDWELL ARCHIVES"

MR CALDWELL'S CHARTS SHOW THE CONTAMINATION
FALLOUT PATTERN FROM THE APOLLO PLANT
SMOKESTACKS. THIS PATTERN PROVES THAT
THE INCIDENT AT THE PLANT ON 02/14/1963
WOULD HAVE CONTAMINATED THE NUMEC APOLLO
SITE INCLUDING THE OFFICE BUILDING.
THE OFFICE WORKERS WERE NOT MONITORED WITH DOSE BADGES.

NOTARIAL SEAL
MARY J. APPELGARTH, Notary Public
Moon Twp., County of Allegheny,
My Commission Expires Mar. 13, 2008

1-11-08
Mary J. Applegarth

Name or Social Security Number of First Petitioner: _____

Special Exposure Cohort Petition — Form B

F.3 I/We have attached a report from a health physicist or other individual with expertise in radiation dose reconstruction documenting the limitations of existing DOE or AWE records on radiation exposures at the facility, as relevant to the petition. The report specifies the basis for believing these documented limitations might prevent the completion of dose reconstructions for members of the class under 42 CFR Part 82 and related NIOSH technical implementation guidelines.

(Attach report to the back of the petition form.)

F.4 I/We have attached a scientific or technical report, issued by a government agency of the Executive Branch of Government or the General Accounting Office, the Nuclear Regulatory Commission, or the Defense Nuclear Facilities Safety Board, or published in a peer-reviewed journal, that identifies dosimetry and related information that are unavailable (due to either a lack of monitoring or the destruction or loss of records) for estimating the radiation doses of employees covered by the petition.

(Attach report to the back of the petition form.)

Go to Part G.

G Signature of Person(s) Submitting this Petition — Complete Section G.

All Petitioners should sign and date the petition. A maximum of three persons may sign the petition.

Signature _____

Date 01/17/06

Signature _____

Date _____

Signature _____

Date _____

Notice: Any person who knowingly makes any false statement, misrepresentation, concealment of fact or any other act of fraud to obtain compensation as provided under EEOICPA or who knowingly accepts compensation to which that person is not entitled is subject to civil or administrative remedies as well as felony criminal prosecution and may, under appropriate criminal provisions, be punished by a fine or imprisonment or both. I affirm that the information provided on this form is accurate and true.

Send this form to: SEC Petition
Office of Compensation Analysis and Support
NIOSH
4676 Columbia Parkway, MS-C-47
Cincinnati, OH 45226

If there are additional petitioners, they must complete the Appendix Forms for additional petitioners.
The Appendix forms are located at the end of this document.

1-18-06
Mary J. Applegarth

NOTARIAL SEAL
MARY J. APPLGARTH, Notary Public
Moon Twp., County of Allegheny
My Commission Expires Mar. 13, 2008

Name or Social Security Number of First Petitioner: _____