

Section I

Department of Energy Privacy Impact Assessment (PIA)

Name of Project: Dosimetry Records System
Bureau: Department of Energy
Project's Unique ID: DRS
Date: August 6, 2008

A. CONTACT INFORMATION:

1) Who is the person completing this document?

Name: George Scott
Title: Senior Applications Software Engineer
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2) Who is the system owner?

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Title: Environmental Health & Safety
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3) Who is the system manager for this system or application?

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Title: Applications Manager
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4) Who is the IT Security Manager who reviewed this document?

Name: David Rose
Title: Cyber Security & Compliance Manager
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5) Who is the Privacy Act Officer who reviewed this document?

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Title: Privacy Act Officer
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B. SYSTEM APPLICATION/GENERAL INFORMATION:

1) Does this system contain any information about individuals? Yes

a. Is this information identifiable to the individual? Yes

b. Is the information about individual members of the public? Yes

c. Is the information about DOE or contractor employees? Yes

2) What is the purpose of the system/application?

The database is a Dosimetry Records System which collects, stores, and reports Dosimetry data as required by federal regulations. It also contains a small application to track Radioactive Sources. {System abbreviation initially shown as DOSIMREC }

3) What legal authority authorizes the purchase or development of this system/application?

Department of Energy

C. DATA in the SYSTEM:

1) What categories of individuals are covered in the system?

Contractor and former contractor (public)

2) What are the sources of information in the system?

a. Is the source of the information from the individual or is it taken from another source?

Data comes directly from individuals.

b. What Federal agencies are providing data for use in the system?

None

c. What Tribal, State and local agencies are providing data for use in the system?

None

d. From what other third party sources will data be collected?

None

e. What information will be collected from the individual and the public?

This application collects (from employees) the following:
SSN and date of birth.

3) Accuracy, Timeliness, and Reliability

a. How will data collected from sources other than DOE records be verified for accuracy?

N/A. The system contains only historical data.

b. How will data be checked for completeness?

BJC applications require a complete set of data for processing purposes. Procedures and processes are in place to ensure the completeness of the data.

c. Is the data current? What steps or procedures are taken to ensure the data is current and not out-of-date?

The system contains only historical data.

d. Are the data elements described in detail and documented?

The system was developed by Lockheed Central for use at all plants. It is still in use at BWXT Y-12 and documentation resides there.

D. ATTRIBUTES OF THE DATA:

1) Is the use of the data both relevant and necessary to the purpose for which the system is being designed? Yes

2) Will the system derive new data or create previously unavailable data about an individual through aggregation from the information collected, and how will this be maintained and filed? No

3) Will the new data be placed in the individual's record? No.

4) Can the system make determinations about employees/public that would not be possible without the new data? N/A.

5) How will the new data be verified for relevance and accuracy? N/A

6) If the data is being consolidated, what controls are in place to protect the data from unauthorized access or use? N/A

7) If processes are being consolidated, are the proper controls remaining in place to protect the data and prevent unauthorized access? N/A

8) How will data be retrieved? Does a personal identifier retrieve the data? If yes, explain and list the identifiers that will be used to retrieve information on the individual.

The personal identifiers SSN, badge number, and name are used to retrieve data.

9) What kinds of reports can be produced on individuals?

Reports about radiation doses individuals have received.

What will be the use of these reports?

Reports are used to satisfy Freedom of Information Act requests.

Who will have access to them?

Reports are available to requesting individuals.

10) What opportunities do individuals have to decline to provide information (e.g., where providing information is voluntary) or to consent only to particular uses of the information (other than required or authorized uses)?

Individuals are provided with privacy act statements stating how information will be protected. They can decline to provide but will not be allowed to work in radiological areas.

E. Maintenance and Administrative Controls:

1) If the system is operated in more than one site, how will consistent use of the system and data be maintained in all sites?

The applications do not cross Accreditation Boundaries.

2) What are the retention periods of data in the system?

Data will be retained until the end of the contract and then turned over to DOE.

3) What are the procedures for disposition of the data at the end of the retention period? How long will the reports produced be kept? Where are the procedures documented?

Disposition of the data for the BJC D&D Contract will occur at the end of the contract. At that time, data will be turned over to DOE or designated Contractor. Data will be archived or deleted at the end of the contract based on DOE guidelines for retaining records. Currently reports are not retained.

4) Is the system using technologies in ways that DOE has not previously employed (e.g., monitoring software, Smart Cards, Caller-ID)? No

5) How does the use of this technology affect public/employee privacy? N/A

6) Will this system provide the capability to identify, locate, and monitor individuals?

Not by PII. Can identify historical dosimetry information.

7) What kinds of information are collected as a function of the monitoring of individuals?

Historical dosimetry radiation dosage information.

8) What controls will be used to prevent unauthorized monitoring?

No monitoring is possible outside of normal applications usage.

9) Under which Privacy Act system of records notice does the system operate? N/A

10) If the system is being modified, will the Privacy Act system of records notice require amendment or revision? N/A

F. Access to Data:

1) Who will have access to the data in the system?

Access to data is controlled by the applications administrators for each application.

2) How is access to the data by a user determined?

Access to data is approved by the application owners and granted by the application administrator on a need-to-know basis.

3) Will users have access to all data on the system or will the user's access be restricted?

User access is controlled by the system administrators by granting roles to individuals. Roles are restricted to see only the functionality/data required by that role.

4) What controls are in place to prevent the misuse (e.g., unauthorized browsing) of data by those having access?

Application owners enforce separation of responsibilities to only allow access to functionality/data necessary to perform job functions.

5) Are contractors involved with the design and development of the system and will they be involved with the maintenance of the system? If yes, were

✓ **Privacy Act contract clauses included in their contracts and other regulatory measures addressed? Yes, DOE Privacy Act clauses are included.**

6) Do other systems share data or have access to the data in the system? If yes, explain. No.

7) Who will be responsible for protecting the privacy rights of the public and employees affected by the interface?

Any applications that process Privacy Act data are classified as “Protected” by the BJC Cyber Security Manager. Those applications then document and test the controls necessary to protect the interfaces/data.

8) Will other agencies share data or have access to the data in this system? No.

9) How will the data be used by the other agency?

N/A.

10) Who is responsible for assuring proper use of the data?

N/A.

PIA Approval Signatures

Original copy signed and on file with the DOE Privacy Office.