

PUBLIC MEETING

PRESENTATION BY MR. GARY HARTMAN

SPEAKERS:

MS. BARBARA WALTON

MR. NORMAN MULVENON

MS. SUSAN GAWARECKI

MR. CHARLES FORSBERG

FACILITATOR:

MR. DARRYL ARMSTRONG

JANUARY 15, 2004

JOAN S. ROBERTS

COURT REPORTER

P.O. BOX 5924

OAK RIDGE, TENNESSEE 37831

(865-457-4027)

1 FACILITATOR: Ladies and gentlemen, it
2 is 6:10 p.m. and this meeting has officially
3 convened. Good evening. For those of you who
4 I haven't seen in a number of years and for
5 those of you that I recall from my former days
6 in Oak Ridge, my name is Darryl Armstrong. I'm
7 an independent facilitator that is contracted
8 by the local, state and federal agencies and
9 corporations throughout the United States to
10 conduct public meetings such as this. My wife
11 and I live in Eddyville, Kentucky on the back
12 of Lake Barkley. We are independent business
13 people, as many of you all may be. I am not an
14 employee of the federal government, the
15 Department of Energy, or any other federal or
16 state agency. And I am not here in any type of
17 decision-making capacity. A few preliminaries
18 before we begin; the exits are as you came in
19 and that is the only exit sign I see. May be
20 one here. Is there one back here as well?
21 Here and back here. And the rest rooms are
22 behind us here. Refreshments are over here in
23 the corner. Registration table in the back and
24 information table in the back on the right-hand
25 side. Could I ask you, if you would, please,

1 if you have cell phones or pagers, would you
2 place them on silent ring or turn them off for
3 the duration of the meeting so they don't
4 interrupt us in the meeting. I am so
5 technologically advanced that I have to leave
6 mine in the truck because I don't have any idea
7 how to put it on mute. In a moment I will
8 introduce to you Mr. Gary Hartman, who will
9 update you on the process associated with the
10 Draft Environmental Impact Statements, known as
11 EISs for the depleted Uranium conversion
12 facilities, Hexafluoride conversion facilities,
13 known as DUF6. A request, if would you,
14 please, to hold any questions you might have
15 about Mr. Hartman's presentation until the end
16 of the presentation since a number of your
17 questions may be answered. When he has
18 finished speaking, I will return to the podium
19 and facilitate a clarification question and
20 answer session around his presentation. And
21 once we are completed with that, then we will
22 begin the formal hearing process.

23 MR. HARTMAN: Thank you, Darryl. Good
24 evening. I'm Gary Hartman, I'm a DOE NEPA
25 Document Manager. NEPA is an acronym for the

1 National Environmental Policy Act, and I'm the
2 document manager for these two Draft
3 Environmental Impact Statements for the
4 construction and operation of Depleted Uranium
5 Hexafluoride conversion facilities at the
6 Paducah, Kentucky and Portsmouth, Ohio sites.
7 On behalf of the Department of Energy, I would
8 like to welcome you to tonight's public
9 meeting. Tonight's hearing is an important
10 step in DOE'S ongoing effort to effectively
11 manage the Depleted Uranium Hexafluoride
12 inventory, or DUF6, stored in cylinders at the
13 Portsmouth, Paducah and Oak Ridge sites. We
14 are here tonight to receive your comments on
15 the two draft site specific conversion EISs
16 that have been prepared to support the program.
17 The documents are an important step in meeting
18 the requirements of Public Law 107-206 and in
19 achieving site cleanup objectives. We look
20 forward to receiving your comments, which we
21 seriously consider, and encourage your
22 continued participation. Before we start
23 receiving your comments on the draft conversion
24 EISs, I would like to take a few minutes to
25 bring you up to date on the EISs and DOE'S

1 proposed action and alternatives. As many of
2 you know, a notice of intent to prepare a
3 single EIS for construction of DUF6, or
4 Depleted Uranium Hexafluoride, conversion
5 facilities at Portsmouth and Paducah was
6 published in the federal register on September
7 18, 2001. Public scoping meetings were held in
8 November and December of 2001 at Portsmouth,
9 Paducah and Oak Ridge. In August, 2002, while
10 preparation of the EIS was underway, congress
11 passed public law 107-206. Among other
12 requirements, this law directed the Department
13 of Energy to award a contract for construction
14 and operation of conversion facilities at both
15 the Portsmouth and Paducah sites. The
16 conversion contract was awarded to Uranium
17 Disposition Services, or UDS, on August 29,
18 2002. As a result of Public Law 107-206, site
19 specific EISs for each of the two conversion
20 facilities, excuse me, let me back up just a
21 second; as a result of the public law and the
22 award of the conversion contract, DOE decided
23 to prepare two separate site specific EISs for
24 each of the two conversion facilities. This
25 change in approach was announced in the federal

1 register on April 28, 2003. The two draft EISS
2 were published on November 28, 2003. I would
3 like to take this opportunity to explain the
4 proposed actions that are analyzed in the
5 conversion facility EISS. The proposed actions
6 are very similar in both the Paducah and
7 Portsmouth documents. In the Portsmouth EIS
8 the proposed action is to construct and operate
9 a conversion facility at the Portsmouth site
10 for the conversion of the DUF6, or Depleted
11 Uranium Hexafluoride, that is stored at
12 Portsmouth, as well as the DUF6 currently
13 stored at the East Tennessee Technology Park in
14 Oak Ridge, which is the former K-25 site. The
15 Portsmouth proposed action includes the
16 shipment of all of the UF6 cylinders from the
17 ETPP, or the former K-25 site, to Portsmouth,
18 as well as possible construction of the new
19 cylinder yard for the ETPP cylinders. In the
20 Paducah EIS the proposed action is to construct
21 and operate a conversion facility at Paducah
22 for the conversion of the DUF6 currently stored
23 at that site. The proposed actions in the two
24 EISS have many common elements. In both cases
25 the DUF6 cylinders would be maintained in safe

1 storage conditions until conversion could take
2 place. Within the conversion facilities the
3 DUF6 would be converted into Uranium Oxide,
4 which is the most stable form of Uranium.
5 Conversion would also produce Hydrogen
6 Fluoride, or HF, as a coproduct. The Depleted
7 Uranium Oxide would be sent to a disposal
8 facility in Utah. The emptied cylinders would
9 either be disposed of as low level waste or
10 reused as disposal containers for the Depleted
11 Uranium Oxide. The HF, which is a chemical
12 used as an acid in many industrial processes,
13 would be sold to a commercial HF producer for
14 resale. As a contingency, the conversion
15 facilities would have the option of converting
16 the HF to Calcium Fluoride, or CaF₂, which
17 could be sold for use or sent to a disposal
18 facility. In regard to the potential sale of
19 HF, or Calcium Fluoride, for conversion, DOE
20 has established a formal process for obtaining
21 authorized limits for the release of
22 potentially contaminated materials for
23 unrestricted use. This process, which is
24 described in detail in appendix E of the two
25 EISs, is being conducted in parallel with the

1 current NEPA activities. Your comments on the
2 potential sale and use of conversion products
3 are welcome and will be considered in both the
4 EISs and in the process for obtaining
5 authorized release limits. I would now like to
6 explain the alternatives that are evaluated in
7 each of the EISs. You may notice that the
8 alternatives differ somewhat from those
9 described in the original notice of intent and
10 the public scoping needs. You may recall that
11 the original alternatives included a one
12 conversion plant alternative and evaluation of
13 several conversion technologies. With the
14 passage of public law 107-206, which directed
15 the department to build two plants, the
16 alternatives were subsequently reevaluated by
17 the department. At the Portsmouth site the
18 alternatives evaluated in the direct EIS
19 included no action alternative and three site
20 alternatives. The no action alternative, which
21 is required by the National Environmental
22 Policy Act, evaluates the continued storage of
23 DUF6 in cylinders at the Portsmouth and ETTP
24 sites indefinitely. For the conversion
25 alternatives three different locations for

1 construction are considered. Denoted locations
2 A, B and C. In addition, the Portsmouth EIS
3 includes an evaluation of the option of
4 shipping the ETPP cylinders to Paducah rather
5 than Portsmouth. The three candidate sites
6 evaluated at Portsmouth are shown here.

7 Location A, which is the preferred site, is
8 located in the Northwest portion of the site in
9 an area where warehouses were previously used
10 to store Lithium. Directly to the south is
11 location B, which includes the buildings
12 previously constructed for the gas centrifuge
13 enrichment facility. On the east side of the
14 site is location C, which includes mostly
15 grassy fields. The alternatives evaluated for
16 the Paducah site EIS are similar to the
17 Portsmouth alternatives. The no action
18 alternative evaluates the continued storage of
19 DUF6 in cylinders at the Paducah site where the
20 conversion alternative three locations are also
21 considered. In addition, the option of
22 shipping the ETPP cylinders to Paducah instead
23 of Portsmouth is evaluated. The three
24 candidate sites evaluated at Paducah are shown
25 here. The preferred location is location A,

1 which is located to the east of the main
2 entrance road directly adjacent to the majority
3 of the cylinder yards. Location B is slightly
4 to the north and west, and location C is in the
5 far northeast corner of the site. The public
6 comment period on the two EISs will be open
7 through February 2, 2004. Although, comments
8 received after that date will be considered to
9 the extent practicable. There are many ways
10 for you to submit comments, including
11 attendance at these public meetings, over the
12 Internet, by E-mail, phone, fax or by writing
13 directly to me. All comments are considered
14 equally. Following the public comment period
15 the draft EISs will be revised to take into
16 account the comments received. The final EISs
17 are scheduled to be published on June 23rd of
18 this year. One month later, on July 23rd, the
19 department expects to release the records of
20 decision for the two EISs with construction of
21 the conversion facilities scheduled to begin at
22 the end of July. At this time I would like to
23 turn the meeting back over to Darryl Armstrong
24 to begin the formal public hearing portion of
25 the EIS.

1 FACILITATOR: Before I do that, are
2 there any clarifications or questions that you
3 have on Mr. Hartman's presentation?

4 MS. GAWARECKI: Yes, Gary, can you tell
5 us what companies are in the coalition that
6 forms UDS; and also will the conversion
7 facility ultimately be used for disposal of
8 newly generated waste or is the D&D part of the
9 contract?

10 MS. WALTON: Can you repeat the question
11 because we couldn't hear it?

12 FACILITATOR: The first part of the
13 question was who forms the coalition.

14 MR. HARTMAN: I think we have some of
15 the gentlemen from UDS present. Would you be
16 willing to answer that portion of the question
17 regarding the coalition?

18 SPEAKER: UDS is comprised of Duratek,
19 Incorporated, (indiscernible) and Burns and Roe
20 Enterprises.

21 FACILITATOR: And the second question?

22 MR. HARTMAN: I think the second part of
23 the question had to do with the newly generated
24 waste from the conversion.

25 MS. GAWARECKI: Yes.

1 MR. HARTMAN: Of course, the focus of
2 these EISs is for the waste that is in the
3 existing inventory of Depleted Uranium
4 Hexafluoride. Fred, do we evaluate newly
5 generated waste at all in the EISs?

6 FRED: The EISs include a section that
7 recognizes the possibility, recognizes that
8 DUF6 continues to be generated by USEC and that
9 it is possible at sometime in the future that
10 these plans could be used for conversion of the
11 material as well.

12 FACILITATOR: Other questions or
13 clarifications on Mr. Hartman's presentation?
14 If there are none, thank you, Gary. The time
15 is 6:25 and I will now convene officially the
16 public hearing section of this meeting. We
17 will end this meeting promptly at nine p.m.
18 unless for some reason I should need to
19 negotiate with you to extend beyond that time.
20 My responsibility this evening, with your
21 assistance, and I will need your assistance, is
22 to ensure that each and every member of the
23 public who wishes to speak on the record
24 tonight has the opportunity to do so in a
25 mannerly and courteous and orderly fashion.

1 The purpose of tonight's meeting; the first one
2 was to provide you an update on the Depleted
3 Uranium Hexafluoride DUF6 Draft Environmental
4 Impact Statements and the DUF6 environmental
5 process. These posters at the back of the room
6 and around the room will also assist in that
7 process. If you have an opportunity to take a
8 look at those, we encourage you to do so.
9 Secondly; the purpose is to transcribe for the
10 official record your comments, suggestions, and
11 questions on the Draft Environmental Impact
12 Statements. These statements concern the
13 construction, operation, maintenance,
14 decontamination and decommissioning of the
15 Depleted Uranium Hexafluoride conversion
16 facilities in Portsmouth, Ohio and Paducah,
17 Kentucky. Public participation has been
18 encouraged throughout this process and the
19 Department of Energy has provided opportunities
20 throughout the process for input. There are
21 several ways, as Mr. Hartman indicated to you,
22 that you can provide your comments. That
23 information is on the back of his presentation,
24 page five. If you need a copy of that, I
25 encourage you to pick up a copy at the back

1 table before you leave. These are the
2 documents that you are commenting on. There is
3 one for Paducah and one for Portsmouth. They
4 are also available to you, if you are
5 interested, on CD. My personal preference
6 would be this. These are pretty heavy. If you
7 wish to secure a copy, those copies are
8 available here, they are available at the back
9 table and they will be available here even
10 after tonight. Certainly, if you need more
11 than is housed here, if you will contact
12 Mr. Hartman, I assure you that he will get them
13 to you. You are invited this evening to enter
14 your comments, suggestions, issues and
15 questions into the record. Since this is a
16 public hearing, however, DOE will not be
17 answering questions during the hearing. DOE
18 managers, however, and representatives from
19 Argonne National Laboratory, who is assisting
20 in this process, will be available following
21 the public hearing to meet with you and discuss
22 any questions or comments or issues that you
23 might have, if you wish to meet with them.
24 Simply, this is not a forum for debate, it is a
25 formal hearing session. Is there anyone who

1 does not understand the purpose of tonight's
2 meeting? Since this is a formal public
3 hearing, I would like to introduce to you to my
4 left Ms. Joan Roberts. Ms. Roberts is with
5 Roberts Court Reporting in Clinton, Tennessee.
6 She is recording and transcribing this meeting.
7 If you have written comments from which you are
8 speaking this evening, Ms. Roberts has asked if
9 you could leave a copy of those comments with
10 her she would appreciate it. A copy of the
11 transcript of this meeting will be completed
12 and will be available here in this room in the
13 resource area and these transcripts will also
14 be available on the DUF6 DOE Website. Here is
15 the process I will follow this evening. Those
16 of you who wish to speak, be sure you have
17 registered at the door. Those registration
18 sheets will be what I will use to call you to
19 this microphone to make your statements. I am
20 advised that each person will have five minutes
21 to speak. There will be no sharing of time or
22 passing of leftover time to another speaker. I
23 simply ask that you make your comments and
24 statements succinctly and concisely within the
25 allotted time. When you have two minutes left

1 on your time, I will tell you that. And when
2 you have one minute left, I will ask you to
3 summarize and conclude your statements. When
4 your time is up, you will hear the timer go
5 off. When it goes off, I will thank you and
6 call for the next speaker. I am using a timer,
7 by the way, to ensure equatibility. When
8 everyone has had the opportunity that has
9 signed up to speak, I will then ask if there is
10 anyone that has not signed up to speak and then
11 I will open the opportunity for anybody that
12 wishes to extend their comments another five
13 minutes to return to the microphone and do so.
14 If you have comments, questions or ideas that
15 you wish to share, but you are kind of like I
16 am and you are introverted and shy, you can
17 also pick up one of these comment sheets and
18 either take it with you and send it back to
19 Mr. Hartman by fax or mail; or you can leave it
20 in the box at the back of the room tonight, if
21 you choose. Also the court reporter will be
22 available at the end of the formal session to
23 meet with anybody one on one who wishes to give
24 their comments privately. If there are those
25 of you who wish to extend your comment

1 privately, she will also be available to do
2 that as well. This is where I need your
3 assistance. Be sure, if you wish to speak,
4 that you have signed up at the back of the
5 room. I will use those registration sheets to
6 call you to the microphone randomly. I will
7 ask, as a courtesy, if there are any federal,
8 state or local officials or their
9 representatives here, first, if they would wish
10 to speak, they will also be given five minutes.
11 When you come to the microphone, please,
12 clearly state your name, speak toward the court
13 reporter so that we ensure that we get your
14 comments on the record. Is there anyone who
15 does not understand how I will handle the
16 comment period? Then the sixty-four thousand
17 dollar question. Is there anyone who is not
18 willing to assist me in conducting this meeting
19 in a courteous and mannerly manner? Thank you.
20 Let's begin. I have two speakers so far that
21 have signed up. Before I call them to the
22 microphone, are there any representatives from
23 the local, state or federal level, or any
24 elected officials, who would like to speak at
25 this time? If so, please stand up and come

1 forward. Seeing none, Barbara Walton will be
2 the first speaker; who will be followed by
3 Norman Mulvenon.

4 MS. WALTON: I'm Barbara Walton and I
5 live here in Oak Ridge and I'm speaking as an
6 individual. I appreciate this opportunity to
7 comment. I think they did a good job of
8 preparing these documents and I agree with the
9 preferred alternatives. However, we have
10 somewhat been overtaken by events and the
11 decision has been made to build the centrifuge
12 base enrichment plant at Portsmouth. And
13 partly as a result of that, and partly for
14 other reasons, the cumulative impacts section
15 of the Portsmouth document, I feel, has some
16 inadequacies, which I would like to see
17 remedied in the final EIS. They refer to a
18 1977 document, a 1977 Analysis of Environmental
19 Consequences for such an action that was done
20 by U.S. Energy Research and Development
21 Administration. This is on page 5-117 of the
22 Portsmouth document. I would like to see that
23 updated. I'm assuming that there will be an
24 EIS done for the enrichment facility that will
25 be built at Portsmouth. This document does

1 state that it will be located in area B that
2 was considered here, so there is no conflict
3 there. Also, there were, in the worker dose on
4 page 5-115 there were two footnotes. Note I
5 said that there was no worker dose given for
6 the lead cascade and the information just was
7 not available. And I hope that that can be
8 remedied to where a better estimate than a 1977
9 document could be given for the final. In
10 addition, there is a section on historical
11 safety for Anhydrous Ammonia and Hydrogen
12 Fluoride, which goes up through 2002, but the
13 table of impacts on page 5-104 analyzes
14 forty-nine percent and seventy percent Aqueous
15 Hydrogen Fluoride. I suspect that was done
16 because it is a bounding, but I would like a
17 clear statement about that. I note that there
18 was a recent derailment of fuming Sulfuric Acid
19 in Knoxville and a lot of people were evacuated
20 away from their homes for three or four days
21 and that is a similar order of magnitude. And
22 thirdly; in the Paducah Environmental Impact
23 Statement on page 320 is figure 3.1-4 on the
24 wetlands. This figure is titled Paducah, but
25 it is the identical figure that is in the

1 Portsmouth document on page 3-19. In other
2 words, they have shown the Portsmouth wetlands
3 in the Paducah document. And I assume that
4 could be corrected for the final. Also, they
5 say in the document that use of an overpack is
6 most likely to ship the noncompliant cylinders,
7 but they also analyze the building of a
8 facility in Oak Ridge. I would like a more
9 definitive statement on that. They don't
10 analyze it as an alternative or give a
11 preference, it's just a general statement and I
12 would like a definite statement that that is
13 what they plan to do. It's fine that they
14 analyze more than one thing, which is what you
15 are supposed to do in an EIS. And I think that
16 covers the major points that I had. Thank you.

17 FACILITATOR: Norman.

18 MR. MULVENON: I'm Norman Mulvenon.
19 M-u-l-v-e-n-o-n. I'm a resident of the City of
20 Oak Ridge. My main theme is to thank the
21 Department of Energy finally for issuing these
22 environmental impact statements. And the
23 second thing is that I concur with everything
24 that Ms. Walton said. Barbara is very
25 meticulous in reading these documents and is

1 one of our resources in making sure that the
2 Department of Energy follows all the rules.
3 Our main theme here in Oak Ridge is that we
4 ship those cylinders out of here. We don't
5 particularly care whether they go to Portsmouth
6 or Paducah, but they are scheduled to go to
7 Portsmouth. There are some empties that have
8 been recently sent to the Nevada test site and
9 there are some partially filled cylinders that
10 are ready to go to Ohio right now. And then
11 the bulk of them are the cylinders which are
12 going to be shipped out. Our main theme is
13 that they should leave the City of Oak Ridge.
14 They present an issue with us about being able
15 to use the K-25 or ETRP site as a
16 reindustrialization site. If you were a person
17 who wanted to lease or build a building out
18 there and all you see is thousands of these
19 cylinders stacked around it, I don't think it
20 is very conducive to people wanting to actually
21 use the site. Our main theme; ship them out of
22 here. Thank you very much.

23 FACILITATOR: Thank you, sir. Anyone
24 else registered, Fred?

25 FRED: No, sir.

1 FACILITATOR: Is there anyone who has
2 not registered who would like to speak at this
3 time? Please step forward and state your name
4 for the record.

5 MS. GAWARECKI: Good evening, I'm
6 pleased to be able to speak on the EISs. I am
7 Susan Gawarecki, G-a-w-a-r-e-c-k-i, Executive
8 Director of the local oversight committee and
9 several of our stakeholder members are here
10 tonight. We follow EISs like this quite
11 closely and will issue some official comments
12 on them. I wanted to say that I concur with
13 Barbara Walton and Norman Mulvenon and
14 especially emphasize that safe and rapid
15 shipment of the cylinders out is a high
16 priority in this community. We would hope that
17 UDS would look at this for their part of the
18 shipping very early on, involve the
19 stakeholders. Do consider the option of rail
20 transportation instead of by truck. And
21 understand that you are going to have to be
22 working with a number of states and emergency
23 management organizations as well. And there
24 are good organizations already built up and a
25 lot of planning done already. And certainly,

1 we are eager to work with the company and make
2 sure that they understand what the needs of the
3 communities are. But again, we are very
4 interested in seeing those cylinders shipped
5 out in a timely and safe manner. Thank you.

6 FACILITATOR: Thank you. Is there
7 anybody else who is not registered that would
8 like to speak at this time? Please step
9 forward and state your name for the record.

10 MR. FORSBERG: Charles Forsberg,
11 F-o-r-s-b-e-r-g. Short comment; the facilities
12 should include expandable long-term storage
13 facilities for the stable Depleted Uranium
14 Dioxide waste product. The historical record
15 of the United States and other Western
16 countries is that disposal always takes longer
17 than planned. Plan ahead.

18 FACILITATOR: Thank you, sir. Is there
19 anyone else who would like to speak who is not
20 registered at this time? This is like church,
21 you are going to get two more calls. Anyone
22 else? Is there anyone who would like to extend
23 their comments who has already spoken? If
24 there is anyone who would like to give their
25 comments one-on-one with the court reporter

1 privately at the close of this session, she
2 will be available until the close of business
3 on this hearing which is at nine o'clock. The
4 DOE and the Argonne National Laboratory
5 representatives are available following this
6 meeting, if you would like to meet with them
7 privately one-on-one or discuss any issues with
8 them. The public record will remain open and
9 accept comments from the public through
10 February 2, 2004. Comments that are received
11 by this date will be included in the public
12 record. Comments received after this time will
13 be considered to the extent practical. If you
14 wish to have your comments on the official
15 record after tonight, you may submit written
16 comments by mail, by fax or by e-mail directly
17 to Mr. Gary Hartman with U.S. Department of
18 Energy. That information is on page five of
19 his presentation. Fred, what time is it back
20 there?

21 FRED: Quarter to seven.

22 FACILITATOR: Ladies and gentlemen, it
23 is 6:45. I want to thank each of you for
24 coming this evening. I am always comforted to
25 know that people are willing to take time away

1 from their families to come to meetings like
2 this and let their opinions be known on such
3 projects. Participation has made this meeting
4 successful and we thank you for your
5 attendance. Please be safe driving home. This
6 meeting is now officially adjourned.

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CERTIFICATE

I, JOAN S. ROBERTS, NOTARY PUBLIC AT LARGE
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DO HEREBY ACKNOWLEDGE THAT THE FOREGOING TWENTY-SIX
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THIS THE 23RD DAY OF JANUARY, 2004.

JOAN S. ROBERTS, COURT REPORTER