

COPY

JEFFERSON PROVING GROUND
RESTORATION ADVISORY BOARD

DATE: October 22, 1996

PLACE: Salvation Army Headquarters
331 East Main Street
Madison, IN 47250

TIME: 7:00 P.M.

PRESENT: Mr. Paul Cloud, Co-Chairperson
Mr. Richard Hill, Co-Chairperson
Audience Members
Sharon Shields, Court Reporter

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1 A public hearing of The Jefferson Proving
2 Ground Restoration Advisory Board meeting was held in The
3 Salvation Army Headquarters, 331 East Main Street,
4 Madison, IN at 7:00 P.M. on October 22, 1996.
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6

7 OPENING STATEMENTS BY MR. PAUL CLOUD:

8 Good evening. I would like to
9 welcome you here this evening. This is a new situation
10 of the Restoration Advisory Board meeting of the
11 Jefferson Proving Ground. Tonight we have a two (2) item
12 agenda and we also have the pleasure of introducing a new
13 community Restoration Advisory Board co-chairman. Mr.
14 Grewe who was the former chairman, due to relocation,
15 resigned his post back in August. The community members
16 of the RAB have gone through a selection and balloting
17 process and as a result of that process Mr. Richard Hill
18 from Save the Valley has been selected as community co-
19 chairperson for the Jefferson Proving Ground Restoration
20 Advisory Board. I as the Army's representative and
21 community co-chair have no further opening remarks. I
22 would like to turn over the floor now for Richard to make
23 any introductory remarks he would like to have before we
24 get into our agenda. Thank you.
25

1 OPENING REMARKS BY MR. RICHARD HILL:

2 Thank you Paul. Being this is my
3 first night as the community co-chair I'm probably going
4 to let Paul do most of the talking but I do want to thank
5 the members of the community force for selecting me and I
6 look forward to working with the community and the board
7 and Paul and everybody involved in this process. I would
8 like to just mention some - some things that I - I see as
9 what I would like to emphasize and that is mainly
10 community involvement. I would like to see ways that we
11 could get more people from the community here and get
12 their input, their discussion, any suggestions that
13 anybody has, anyone in the community, anybody on the
14 board of ways that we can do that. I would be real open
15 to - to listening to those and implementing what we can.
16 I would just like to see more participation. I think
17 that the informational sessions that we have have been
18 very good. We've had people come in from the various
19 departments and agencies and give us some of the kinds of
20 information that we really need. And I would just like
21 to see the community get more involved too. I know that
22 it's kind of dropped off steadily since the beginning
23 because it is such a long process and we just want to see
24 what we can do to regenerate some interest. Also I want
25 everybody on the board and in the community to feel free

1 to contact me with any items that they think should be on
2 the agenda like for the next meeting. We're going to
3 tell you later you know it's going to be on December 3rd.
4 We'll let you know more about that later. And that's
5 really all that I have to say for right now. I would
6 just like to thank you very much and look forward to
7 working with you.

8
9 MR. PAUL CLOUD:

10 The first item on the agenda is we
11 have a gentleman from the Nuclear Regulatory Commission,
12 Mr. Larry Pittiglio, who would like to discuss the status
13 of the environmental impact statement that his agency is
14 working on as regards the depleted uranium impact area
15 north of the firing line at JPG. Larry.

16
17 MR. LARRY PITTIGLIO:

18 Good evening. Unfortunately or
19 fortunately maybe for you all we don't have a view graph.
20 There are some hand outs that cover the four (4) or five
21 (5) view graphs that I brought tonight. And basically
22 I'm going to talk through them anyway just to tell you a
23 little bit what they describe. And when I was here in
24 August - was it August Paul?

25

1 MR. PAUL CLOUD:

2 August.

3
4 MR. LARRY PITTIGLIO:

5 I committed to come back to tell you
6 where we were and whether we had made any progress on
7 working on our environmental impact statement. And yes
8 we have made some progress. I hope you know that it's
9 sufficient. We certainly are moving in the right
10 direction but I'll talk to you a little bit about dates
11 and times and what's involved. It is a - a quite a long
12 process. In our site decommissioning management plan
13 which is a annual update that we submit to Congress it
14 describes all the sites, various sites under NRC
15 jurisdiction. We had a - we committed to - in that
16 particular plan that just went out and I'm just going to
17 tell you that as we go along - but to date is that we've
18 committed to have this draft environmental impact
19 statement completed in December of '98, about two (2)
20 years from now. There are - I'll identify some of them.
21 But there are many, many milestones or target dates in
22 between that stage that result in developing the EIS.
23 We'll talk a little bit about that. But that - that is
24 on the public record and I honestly don't believe that
25 that date will move forward significantly. Generally the

1 agency has found that when we get involved in developing
2 any type of EIS it's a two (2) year process when you talk
3 about cooperating agency inputs, when we talk about
4 public comments, putting drafts out for review and so
5 forth. Basically the objective or the purpose of our EIS
6 is to support NRC's decision on the ultimate disposal of
7 the DU waste in the DU impact area north of the firing
8 line at JPG. One of the slides that I'm going to talk or
9 I'll read to you, it talks about some of the assumptions
10 we've used in working on developing the EIS. And
11 basically the NRC is right now doing most all the work in
12 house. We've got a commitment to effectively give
13 assigned staff and their effective use is estimated to be
14 about thirty (30) percent. We may need them at higher
15 times for shorter periods of time. Our next set up will
16 be to bring some of them out here that haven't seen the
17 site. We have two (2) or three (3) people come out to
18 see the site to give them a little better understanding
19 of what's going on. They currently all have copies of
20 the EIS that was developed by the Army and are reviewing
21 that. One (1) of our biggest concerns is that we have
22 sufficient information to be able to evaluate the
23 alternatives from no action at all through to the far
24 extreme of full remediation. We anticipate that we will
25 probably have some - one (1) or two (2) rounds of

1 comments and we're hopeful that we'll get a fairly rapid
2 response to those so that we can maintain our schedule.
3 The only exterior work that we're going to do is we're
4 trying to find a contractor or some expertise related to
5 the unexploded ordinances. As you know we are the
6 Nuclear Regulatory Commission. We do have a license for
7 the DU area. We have little or no experience dealing
8 with the unexploded ordinance issue and that is key
9 factor that really is the dictation of what direction may
10 result in remediation or no remediation. So right now we
11 are talking to some different groups. We are looking for
12 a contractor to help us review those areas and we're
13 hoping to have somebody on board in the next two (2)
14 months. In the handout this is a reference. I
15 identified what we believe will be all of the chapters
16 one (1) through nine (9) in our EIS and all the sub-
17 sections. Along with that designation of the - of the
18 nine (9) chapters and several sub-sections, we've
19 assigned individual staff at NRC with expertise in each
20 of those areas to work on those areas. And that has been
21 assigned to the individuals. We've had some initial kick
22 off meetings on that. They're currently reviewing the
23 EIS prepared by the Army and looking to see where we may
24 need some additional information. We really had - our
25 first kick off meeting on this whole process occurred

1 around the very first week of October where we got the
2 entire team together, the people we resigned to resources
3 and commitments were made, so we - right now we think our
4 first intermediate milestone will be some time in early
5 February to have gone through and reviewed everything and
6 see where we have some additional information needs. The
7 NRC will also sometime later in '97 be looking to get
8 input from cooperating agencies. That process will take
9 a couple of months to get them. Our first round of draft
10 and then get input back from them. As I said before it
11 really anticipates about two (2) year process and when we
12 looked at intermediate milestones that I developed at
13 home, there's probably twenty (20) intermediate
14 milestones which require coordinating comments and so
15 forth like that. To be honest with you I just don't
16 believe that that date will move forward much. I'm
17 optimistic that we will be able to meet it even with the
18 budget restraints that may occur. But like I said we
19 have committed to Congress for the December 15th, 1998
20 completion of public meeting on our EIS. Anybody have
21 any questions related to the EIS itself?

22
23 MR. KEN KNOUP:

24 Larry I guess - and I don't mean this
25 to be criticism - but on the lead slide here on your

1 objectives, I guess it's always been my understanding
2 that the EIS should be developed to assess the
3 environmental impacts on various options. And that
4 federal agencies, Army and you guys included, sometimes
5 get dinged because we do the decision and then we do the
6 EIS to justify the decision. That's kind of the way
7 this reads. Is that the way you meant it to be? Are we
8 really truly assessing the various options?

9
10 **MR. LARRY PITTIGLIO:**

11 I mean the - it's unfortunate that
12 you interpret it that way but the intent was to develop
13 the EIS and to look at all of the options and then to
14 base the decision - I mean that document will be the
15 basis for that decision. And that's what our intent is.
16 Obviously right now we have - we're neutral. I mean we
17 understand where the Army is. We've looked at those
18 options. We're evaluating them.

19
20 **MR. KEN KNOUP:**

21 What are the options here? Can you
22 speak on those?

23
24 **MR. LARRY PITTIGLIO:**

25 Well you know there - obviously the

1 extreme is do nothing at all and the far end of it is to
2 remediate the entire site. And then in between we are
3 going to assess options again looking at what the risk
4 would be and cost possibly, with doing some remediation
5 of maybe to the one (1) foot level or three (3) foot
6 level and look at the impacts associated with that as
7 well as the extremes from doing nothing to the total
8 remediation of the entire site. Again looking at - our
9 biggest concern is the real near term risk associated
10 with the UXOs compared to you know the potential long
11 term risk of the DU material. Certainly everything that
12 I've read recently kind of indicates that in most cases
13 on unexploded ordinance, and again I'm just trying to
14 come up to speed, it's generally exploded in place. It's
15 not even moved. And therefore our concern would be if
16 you moved into a remediation mode and you started
17 detonating, I mean you had DU material there, the
18 detonation of the UXO may - may spread more DU material
19 by causing some explosion and falling apart of the rod
20 itself. So there - it could be significant near term
21 impact of much higher than even long term by not doing
22 anything. We don't have a comfortable feeling. I mean
23 that's probably the weakest area as far as where we are
24 in this whole thing.

1 MR. KEN KNOUF:

2 Okay.

3
4 MR. LARRY PITTIGLIO:

5 We have - we have people assigned to
6 it that are going to look you know at long term potential
7 ground water and areas like that that we have the in
8 house expertise on. But we are short in that area. But
9 I do, and it's a good point and I'm glad you brought it
10 forth, we have no pre-decisional motive on this whole
11 thing. We want to look at it objectively. We're
12 concerned about costs. We're concerned about risks.
13 We're concerned about both the short term and long term
14 impacts.

15
16 MS. CAROL WITT-SMITH:

17 Carol of the EPA.

18
19 MR. LARRY PITTIGLIO:

20 Yes.

21
22 MS. CAROL WITT-SMITH:

23 Have you clearly defined your
24 criteria that you're looking at and where the landfill is
25 at? Do you have like a map outlining that area? Because

1 I know that we had a lot of conflicts when we were doing
2 our records for re-assessment and trying to define all
3 the boundaries in the area. We were getting into
4 problems like different maps showing different views of
5 where the range was at. Have you guys clearly defined
6 where that is at yet?

7
8 **MR. LARRY PITTIGLIO:**

9 No we haven't but again what - but we
10 know where the boundaries under the NRC licensure are in
11 our areas. In other words - in fact that is clearly
12 defined by the license so we have "X" amount of acres
13 that are anticipated on the license and that is the range
14 from which we will be looking at. Whether there is
15 travel time to the next communication area and so forth
16 is something we will look at as far as the ground water.

17
18 **MS. KAREN MASON-SMITH:**

19 I'm Karen Mason-Smith from the EPA.
20 What are some of the ways or some of the technologies
21 that you would use to remediate the Proving Ground?

22
23 **MR. LARRY PITTIGLIO:**

24 Well that's the problem. We are not
25 up to speed on that particular technology. We don't have

1 any expertise in dealing with the unexploded ordinances.
2 I noticed that there is a hand out on the table over
3 there that talked a little bit about UXO remediation
4 techniques which was very helpful to me and as a
5 reference it gave me some references to go and talk to
6 the people about it. Our concern is that you know it's
7 not just DU. It's the fact that there's so many
8 unexploded ordinances in there and the danger of trying
9 to get around them to get to the DU materials.

10
11 MS. KAREN MASON-SMITH:

12 Right. But with DU would you just
13 take it to a place that would store it, depleted uranium,
14 or is there something that - a type of technology that is
15 used to actually deplete it?

16
17 MR. LARRY PITTIGLIO:

18 No. It - it would be taken and
19 stored - disposed of as low level waste.

20
21 MS. KAREN MASON-SMITH:

22 So actually it's just taken and
23 stored?

1 MR. LARRY PITTIGLIO:

2 Yeah. It would be just to remove the
3 DU material and ship it to a proper disposal facility.
4 The question is how do you do that without having a
5 reaction from the UXO?

6
7 MS. KAREN MASON-SMITH:

8 Right.

9
10 MR. LARRY PITTIGLIO:

11 That's where we are. That's the real
12 problem that we have. Now whether you all dispose of it
13 as low level waste it's yours. I mean it belongs to the
14 Army.

15
16 MR. EARLY:

17 In the past we've recycled it.

18
19 MR. LARRY PITTIGLIO:

20 Yeah. I mean that's - the DU
21 material belongs to the Army. They may recycle that.
22 Again for us that's not the issue. It's just how you get
23 - get to it.

1 MR. KEN KNOUF:

2 Very carefully.

3
4 MR. LARRY PITTIGLIO:

5 Yeah very carefully.

6
7 MR. STEVE VAUGHN:

8 I want to ask you - I'm just a
9 citizen. I was just wondering is there any concern about
10 the DU material that may be shipped out of this certain
11 area that is supposed to be in like the ground coming in
12 and hitting the rocks and skipping off or anything like
13 that?

14
15 MR. LARRY PITTIGLIO:

16 I don't think that you all have
17 located any outside of the area is that correct?

18
19 MR. KEN KNOUF:

20 Not that I'm aware of no.

21
22 MR. LARRY PITTIGLIO:

23 Not that we're aware of. In other
24 words there's approximately two thousand (2,000) acre
25 area and the firing was generally done down the center of

1 it. And NRC has had the license you know. We've had
2 several inspections out here. And all the inspection
3 reports show - to date show no DU outside of the
4 designated fenced area. Any other questions?

5
6 MR. PAUL CLOUD:

7 Thank you Larry. As the process
8 moves on for the NRC's environmental impact statement,
9 I'm sure Larry will be back periodically to provide
10 opportunity not only for the Restoration Advisory Board
11 to gain additional information but to provide input and
12 to also provide status as this process moves on. As you
13 can see based on this schedule that he put out tonight
14 there is going to be sufficient time I think to allow the
15 public to provide input and voice concern on this issue.
16 The next item we have on the agenda is the finding of
17 suitability to transfer for the Krueger Lake area of the
18 Proving Ground. We have over on the table and I see it
19 looks like everyone has been able to pick one (1) up, a
20 copy of at least the map that designates the area. That
21 area is the red or purple area on the right hand side of
22 the map here (indicating). That area is approximately
23 two hundred and twenty (220) acres more or less. The
24 County Commissioners during the federal screening process
25 that was required for BRAC closure facilities made a

1 request when their turn arose for the property for what
2 is referred to as a public benefits conveyance. That
3 means they would get the property at no cost but it's for
4 the public benefit, in this case specifically for a
5 public park. The process that is utilized to transfer or
6 lease property at a BRAC facility is for either a finding
7 of suitability to lease or a finding of suitability to
8 transfer, be generated and be reviewed. That is an
9 environmental document that discusses the environmental
10 suitability for lease or transfer. It also addresses the
11 adjacent areas around whatever parcel or piece of land
12 that you're looking to lease or transfer. That document
13 as was discussed at the August RAB meeting was put out in
14 August to not only the RAB members but the regulators of
15 state, Indiana Department of Environmental Management and
16 Region Five (5) Environmental Protection Agency. We
17 requested comments and at the end of September those
18 comments were provided. There arose a concern not on the
19 parcel itself but on the adjacent parcels which based on
20 our investigations by the Corps of Engineers have
21 indicated a potential for UXO in certain areas of the
22 Proving Ground. As you look at that map (indicating)
23 here these areas that are highlighted in a lighter color
24 are areas based on that record search that the Corps
25 indicated having potential for UXO. We have in fact on

1 this one (1) rectangular area right here (indicating)
2 done an UXO removal operation down to four (4) feet below
3 the surface which is what the Army has submitted to the
4 community for as far as any UXO potential in the
5 cantonment area. In that hundred (100) acre parcel we
6 found one (1) piece of ordinance. That was all. We
7 found a lot of scrap and a lot of bailing wire and scrap
8 metals but we found only one (1) piece of ordinance.
9 However, right across the road where this little green
10 circle is (indicating) commonly referred to as Site
11 Forty-nine (49) in the environmental investigation, we
12 found four hundred and seventy-five (475) mortars on the
13 surface. Of those four hundred and seventy-five (475) we
14 believe all of them were inert with the possible
15 exception of six (6) that may have had high explosives.
16 They have all been detonated. That was only on the
17 surface. Anywhere in this area where we have these
18 lighter colors (indicating), the Army has committed to do
19 a UXO removal action down to four (4) foot below the
20 surface. Because there is a UXO potential adjacent to
21 the park parcel concern was raised should the parcel be
22 transferred to the community and the community have
23 unrestricted access to the park what control would be
24 invoked such that the public would not be wandering off
25 into other areas potentially getting into the UXO areas

1 and stumbling across some UXO and possibly being hurt. A
2 valid reasonable question. After the comments came in
3 from the state and EPA and the RAB members we held
4 several meetings, one (1) at the Pentagon with the State
5 and EPA - State EPA and Mr. Early from our headquarters
6 and myself were here last week to discuss the issue at
7 the County Commissioners' meeting. As a result of that
8 and further discussion after that meeting last week we
9 have revised the FOST. It has gone back out to the
10 regulators now and the proposal now is to transfer the
11 property to the county but you have it as restricted
12 public access until such time as all the UXO areas within
13 the cantonment area have had a removal action completed
14 on it. We currently expect, based on projected funding
15 levels to the Army for this facility, that will take
16 approximately two (2) years.

17
18 MR. LARRY PITTIGLIO:

19 What is the total acreage?

20
21 MR. PAUL CLOUD:

22 The total acreage within the
23 cantonment area that had a UXO potential was two thousand
24 three hundred (2300).
25

1 MR. LARRY PITTIGLIO:

2 And what is the estimated cost?

3
4 MR. PAUL CLOUD:

5 We figure an average of six thousand
6 dollars (\$6,000) an acre. Some acres will be much
7 cheaper because they are open. There's no brush or trees
8 or anything else. Some will be much more expensive
9 because they are very heavily wooded. But six thousand
10 dollars (\$6,000) is a rough reasonable average figure.
11

12 MR. LARRY PITTIGLIO:

13 Let me ask you a question. When you
14 say you get down to four (4) feet what do you mean by
15 that? You don't go in there and excavate to four (4)
16 feet do you?
17

18 MR. PAUL CLOUD:

19 What we do is the contractor who is
20 hired to perform the operation calibrates his
21 instrumentation, his magnetometer, his metal detector,
22 for a certain size of ordinance down to four (4) foot
23 below the surface. He does that every day, maybe
24 multiple times per day depending on specifics. Then
25 anything that he gets as registered metal contact he will

1 stop and do a hand excavation so that to find out what it
2 is. That is why it cost six thousand dollars (\$6,000) an
3 acre because you could dig down a foot on a metal hit and
4 you come up with a nail or a piece of ordinance. But
5 then he has to go survey again after he's made that
6 determination below that to see if there's anything below
7 it. But he has to do a hand excavation each time.
8 That's the only way you can do it to find out what you
9 have.

10
11 MR. LARRY PITTIGLIO:

12 And your four (4) feet means --

13
14 MR. PAUL CLOUD:

15 Two (2) to four (4) foot level. That
16 allows for a certain level of reuse but does not allow
17 other types of reuse. One (1) it does not allow would be
18 if someone wanted to come in and develop the area say as
19 you would have to do in excavation of putting a basement
20 or some other types of footings that would require
21 something greater than four (4) foot. As a result as I
22 said the - the revised document has been provided to the
23 state and the EPA. We have asked them to respond by the
24 end of this week. We believe that the option that the
25 County Commissioners have selected and the controls that

1 we will have in place to monitor and control public
2 access to the park on one (1) time specific event will be
3 sufficient to insure the public safety when the park is
4 utilized before the UXO is in fact removed. The document
5 does allow for one (1) time specific event. The case
6 that is referenced in the document is the Mini Regatta
7 that is held in July. Prior to something to that
8 occurring though the county would be required to submit
9 to the Army and the Army would have to approve that
10 security and access control plan that would provide
11 assurances to the Army that during the access of the
12 public to the park that the Army is assured that the
13 public would only come into the park, utilize the park
14 for that event and then exit the Proving Ground without
15 getting into any of the other areas, the UXO areas or any
16 of the other environmental areas in the cantonment
17 parcel. Are there any questions so far on this specific
18 issue? Sir?

19
20 **AUDIENCE MEMBER:**

21 You mentioned down to the four (4)
22 foot level. Is there restrictions on that parcel or will
23 there be patrolling?
24
25

1 MR. PAUL CLOUD:

2 Yes there will be. In fact the
3 buyer, Ford, has been notified and when the property is
4 transferred there will be an easement but he has been
5 repeatedly notified that should he desire to do
6 development that would require UXO remediation below the
7 four (4) foot level he will be required to foot that
8 bill.

9
10 MR. LARRY PITTIGLIO:

11 The twenty-three hundred acres (2300)
12 that you are now removing the UXO from this is very
13 similar in size to the approximate two thousand and some
14 odd acres under the NRC licensing.

15
16 MR. PAUL CLOUD:

17 It's similar yes. However the major
18 difference is - is that the twenty-three hundred (2300)
19 acres south of the firing line in the cantonment area
20 with very minor exceptions was never used extensively as
21 impact ranges.

22
23 MR. LARRY PITTIGLIO:

24 Okay.
25

1 MR. PAUL CLOUD:

2 The area where the DU range is was
3 used for a long time, many, many, many years as normal
4 conventional ordinance impact ranges before DU was ever
5 fired in there.

6
7 MR. LARRY PITTIGLIO:

8 Yeah I just wanted to clarify that.

9
10 MR. PAUL CLOUD:

11 Yeah there is a significant
12 difference there. John?

13
14 MR. JOHN MANLEY:

15 Yes. My name is John Manley from the
16 Indiana Department of Environmental Management. And I
17 just had a question. When the Army and the county come
18 up with some type of safety and access restrictions will
19 the regulators have a chance to review that?

20
21 MR. PAUL CLOUD:

22 I don't see any reason why you
23 wouldn't be provided a copy of that. Any other questions
24 from my side? I will allow the state and the EPA an
25 opportunity to discuss the issue also as they would.

1 Carol? Karen? John?

2
3 MR. JOHN MANLEY:

4 Well I'm John Manley as I just said.
5 We just received the revised FOST tonight but we did not
6 concur with it when we originally received it and it was
7 because of safety and access restrictions concerns. And
8 if the county and the Army can come up with some type of
9 plan then I don't see any problem with it then after
10 that.

11
12 MS. KAREN MASON-SMITH:

13 I'm Karen Mason-Smith with EPA and
14 pretty much the same thing that John said. We just
15 received the revised FOST tonight and the Army is
16 requesting that we provide comments by Friday. We will
17 take a look at it when we get back to the office. When
18 EPA and the state and Army met with the commissioners on
19 October 17th meeting they discussed the option that Paul
20 just discussed which is no public access. And security -
21 an approved security plan by the Army for the one (1)
22 time event which would be the boat Regatta that's held I
23 think on July 4th or is planned to be held July 4th okay?
24 We have no problems with those options. We do have to
25 discuss it with our RCRA office. I will turn it over to

1 Carol. I represent Superfund.

2
3 MS. CAROL WITT-SMITH:

4 Basically what we plan to do in the
5 next step as we review this document is make sure as
6 plans are developed for public use of the park that we
7 make sure that they are consistent with all the rest of
8 our security plans for south of the firing line. We are
9 in the process right now of working with the Army on
10 development of security programs and educational programs
11 for anyone that enters south of the firing line so that
12 people are aware - say if somebody did wander where
13 they're not supposed to be that they're aware of the
14 procedure for the UXO what should you do. As Paul has on
15 the table on those little cards --- that just make sure
16 people are aware of what to do. And basically we will
17 probably work on review of the documents that come in
18 as far as public opinion goes and as far as maintenance
19 of the park. In the meantime as part of the commitment
20 to make sure that it's up -- we'll work on the
21 development and the plan for the south of the firing line
22 security to make sure that the county workers also have
23 an educational training to make sure that they are aware
24 of what is going on and in case they would wander from
25 our property we'd have to look at those issues. Because

1 we will still be maintaining the in and out access
2 requirements until we get to the point of closure of
3 south of the firing line.

4
5 MR. PAUL CLOUD:

6 Bob.

7
8 MR. BOB HUDSON:

9 Paul I hope Larry when he asked that
10 question about these twenty-three hundred (2300) acres I
11 hope he didn't attempt to draw a conclusion about that
12 six thousand dollars (\$6,000) an acre cost. That is
13 acreage compared to north of that firing line.

14
15 MR. PAUL CLOUD:

16 One of the things I just pointed out
17 to Larry he does have a copy of the Army's EIS disposal
18 and reuse and in there there is a set of clean up costs
19 based on UXO and it's based on the concentration of UXO
20 and the low figure is the six (\$6,000) to eight thousand
21 dollars (\$8,000) per acre. And that's for the lowest
22 concentration which is probably the cantonment area and
23 then it goes up to fifty (\$50,000) or eighty thousand
24 (\$80,000) dollars an acre for very heavily contaminated
25 UXO areas which would be more in line with the DUs.

1 MR. LARRY PITTIGLIO:

2 Yeah. I - in all honestly I was
3 aware of that but I wanted to bring that point forward
4 because of the fact that I didn't want anybody in the
5 audience to think they put two thousand (2000) acres
6 compared to twenty-three hundred (2300) acres. And
7 that's one of the problems that we have is to make sure
8 that we have an objective evaluation. You can't take
9 information like the six thousand dollars (\$6,000) and
10 assume it applies. It requires us to step back and take
11 a real good look at what the real options are and that
12 gives - gave me the opportunity to kind of emphasize the
13 problems that we're seeing. So the closer we look the
14 more difficult it is.

15
16 MS. KAREN MASON-SMITH:

17 I have a question.

18
19 MR. PAUL CLOUD:

20 Karen?

21
22 MS. KAREN MASON-SMITH:

23 This is Karen Mason-Smith from USEPA.
24 When the Indiana Air National Guard came out and did the
25 UXO removal at the old air field how much did that cost

1 per acre? I think you had an estimate at the last
2 meeting.

3
4 MR. PAUL CLOUD:

5 There was no cost. That was a
6 training exercise for the Air Guard so there was no cost
7 per se to the government. Two (2) things you need to
8 understand on that effort. One (1) is that they
9 demonstrated during that effort that they don't have the
10 ability to go down to the four (4) foot depth criteria
11 that the Army has committed to. And secondly that their
12 surface clearance operation has not been approved yet.

13
14 MS. KAREN MASON-SMITH:

15 Okay.

16
17 MR. PAUL CLOUD:

18 By the Department of Defense
19 Explosive Safety Board. So while that has potential for
20 at least satisfying their requirement to negotiate with
21 Mr. Ford to continue their air operations at the air
22 field at a later date, that has not been guaranteed or
23 concurred to yet.

1 MS. KAREN MASON-SMITH:

2 Okay.

3
4 MR. PAUL CLOUD:

5 Any more? Steve?

6
7 MR. STEVE LYONS:

8 One (1) comment about the DU. As we
9 go through this process and two (2) years through EIS is
10 it still - is it still pretty much I guess called on the
11 Army to do monitoring of the ground water?

12
13 MR. PAUL CLOUD:

14 Yes sir. We have a license with the
15 NRC. That license requires semi-annual monitoring of the
16 surface ground water. The soil is also required testing
17 of plant and animal tissue on a semi-annual basis. That
18 is a license requirement. That license is active and was
19 recently modified to only address the area north of the
20 firing line. That is still a license permit requirement.

21
22 MR. LARRY PITTIGLIO:

23 And that will remain in effect and
24 the Army updated it and we just approved in July a
25 revised environmental monitoring plan and the security

1 plan. And in addition we set actions on the limits that
2 were significant, although they allow it, so they could
3 pick those up. So that - we just signed off by NRC in
4 July I believe. When I came to the August meeting we had
5 really done nothing related to the EIS because we spent a
6 significant amount of time getting the - had our regional
7 -- for the monitoring and security plan. NRC will be
8 coming out and doing inspections of the facility.

9
10 **MR. STEVE LYONS:**

11 I think that's good for the public to
12 know because that's a question and concern for me from
13 the standpoint of being an elected official and I'm a
14 resident. But you know in our many meetings we've had
15 over closure and talked about the DU rounds and the
16 ability for it to migrate whether it be in the water or
17 in the air.

18
19 **MR. LARRY PITTIGLIO:**

20 There are several wells, streams,
21 soil. I had a copy of the plan with me last time. I
22 didn't bring it but it's in the document, in the NRC
23 license. It's available for anybody to see.

1 MR. PAUL CLOUD:

2 Also we have two (2) reports, one (1)
3 done by (inaudible). Both reports indicate that beyond
4 the very small - this is basically it takes us to a foot
5 or so - DU did not migrate any further, either down or
6 laterally from where it comes to rest. That information
7 has been made available to the NRC also. So they have
8 that. We will continue to monitor it as long as the
9 license for that requires it. Should as part of the EIS
10 Record of Decision require some type of monitoring, the
11 Army will continue to do that as long as required. Any
12 other questions on the DU or on the suitability to
13 transfer? Sir?

14
15 MR. JAMES BURTON:

16 What kind of radiation is the DU
17 emitting?

18
19 MR. PAUL CLOUD:

20 Larry? I mean I'm going to ask
21 you. You're the NRC.

22
23 MR. LARRY PITTIGLIO:

24 Well I don't know that we're getting
25 any detectable amounts at this stage.

1 MR. JAMES BURTON:

2 It is Alpha or Beta?

3
4 MR. PAUL CLOUD:

5 Alpha is typical. Alpha is the
6 thickness of your skin will prevent it from -- It is
7 typically an Alpha.

8
9 MR. JAMES BURTON:

10 Okay.

11
12 MR. LARRY PITTIGLIO:

13 Okay. But we picked up no - no
14 contaminating so far as far as what I've looked at on the
15 data and the plan that you know - the information
16 provided by the Army here semi-annually they would have
17 conveyed the data. But we've monitored the ground water,
18 the streams, soil and everything else.

19
20 MR, PAUL CLOUD:

21 Any other questions? I would like to
22 throw open the meeting now for basic open discussion on
23 any environmental clean up topics or issues as applicable
24 to the Proving Ground. If someone has a question,
25 comment or concern, this is your opportunity to let us

1 know.

2
3 MS. KAREN MASON-SMITH:

4 I've got a question.

5
6 MR. PAUL CLOUD:

7 Karen?

8
9 MS. KAREN MASON-SMITH:

10 This is Karen Mason-Smith from the
11 EPA. What I would like to do is to follow up on what
12 Richard mentioned earlier when he did the introduction
13 regarding the community involvement. We brought Mr. Dave
14 Novak. I'm going to ask him to please stand up. He's
15 our community relations coordinator from USEPA and he's
16 going to be helping us out. And we've talked with the
17 Army and we have asked Dave to work with the Army's
18 contractor who I think is SAIC. And also we've talked
19 about up dating the community relations plan. The Army
20 has an approved community CIRCLA community relations plan
21 that EPA reviewed and we concurred with. And there's
22 some information in there that should be up dated. So we
23 will be working with the Army and doing that.

1 MR. PAUL CLOUD:

2 To further that Ms. Corrine Bioni
3 from SAIC is here and she is the Army's contractor. We
4 have asked them to act for us to review the community
5 relations plan and to provide recommendations on
6 revisions and up date to the plan. It was last written
7 between August of 1994 and early 1995. In that effort
8 she will be coordinating with not only the public affairs
9 offices of the Army but with the state environmental
10 office and EPA for recommendations and suggestions on
11 what may have worked or be applicable to help provide
12 information and access and knowledge and education and
13 training to the public to provide a more informed public
14 so they can come to our meetings and be more active in a
15 participatory role. So they will be coming out into the
16 community at a later date to perform that function. Yes
17 sir?

18
19 MR. CHARLES LAWBURGH:

20 I'm Charles Lawburgh and I'm from
21 Ripley County. And I - what would be the difference
22 between - see over at the Fernald plant, the atomic
23 energy plant out on the Ohio and Indiana borders, they've
24 got a big clean up process going over there. And really
25 I believe they've got more people working now in clean up

1 than they had while the operation was going on. And it
2 looks likes the clean up operation is going to take more
3 time to clean it up than it was when they put it down.
4 So why is it that you know they're putting all that money
5 in there and letting these people down here you know -
6 they say well we can't take care of it because it costs
7 too much. Why should these people be less entitled to a
8 good clean up than the people over there around Ross and
9 Venice, Ohio over the Indiana border? Do you understand
10 what my point is?
11

12 MR. PAUL CLOUD:

13 The short answer is that the Army is
14 not transferrring the property north of the property line.
15 It's staying within federal government hands. Because of
16 the safety concern with the unexploded ordinance there
17 which is more immediate concern which Larry talked about
18 earlier which does not exist at Fernald, there is a much
19 higher safety concern, immediate safety concern to do
20 anything out at JPG. At the Fernald site also the levels
21 of specific concentrated radiation are much higher than
22 they are at JPG. But the levels at JPG are very, very
23 low. At Fernald it's a different situation with a
24 completely different set of circumstances that are really
25 not applicable. You can't compare. It's not even apples

1 and oranges. It's really not applicable there. And
2 that's the current - that's the best answer I can give
3 you. Larry if you want to add?

4
5 MR. LARRY PITTIGLIO:

6 Let me just say for one (1) that is
7 not an NRC licensed facility. I have no understanding of
8 what's going on out of there but I would make the comment
9 that when the NRC related to anything that we have
10 jurisdiction over we look at the relative health risk and
11 I suspect that the risk at that plant either due to
12 contamination of ground water or whatever is there is
13 significantly higher than at JPG. From the DU material
14 the relative health risk is fairly small.

15
16 MR. CHARLES LAWBURGH:

17 Well I realize - I know that the
18 health risk is much higher over there because a bunch of
19 my friends passed away from it. But the thing remains is
20 whether it be uranium or whether it be unexploded
21 ordinance the - the people should you know get a fair
22 shake. But whether it be uranium or whether it be this
23 unexploded ordinance you've got this problem for this
24 property out here and I don't think anybody is going to
25 rush in to buy that Fernald plant by a long shot. But

1 this place cut here could be cleaned up and used probably
2 for a lot less money compared to what they're spending
3 over there and probably in a lot less time. And the
4 people over here in this area could get a lot more good
5 out of it. Thank you.

6
7 MR. PAUL CLOUD:

8 Thank you. Anyone else that would
9 like to take this opportunity to express concern and ask
10 a question? Yes sir?

11
12 MR. STEVE VAUGHN:

13 My name is Steve Vaughn. I'm from
14 Holton. I've noticed up on the north end that the Army
15 has placed concrete barricades behind most of the gates
16 where you get into the property. I suppose that they did
17 that for security measures but my concern is what if a
18 big forest fire or something started in there. How are
19 they going to - you know how are they going to get in or
20 the trucks in there to deal with that situation?

21
22 MR. PAUL CLOUD:

23 That's a fairly simple answer. Even
24 when the Proving Ground was active if there was a fire in
25 the interior until it got to a road and had a danger or a

1 potential of leaving the facility, getting out onto the
2 public, we let it burn. We didn't send the fire
3 department in there because of the UXO concern. We
4 didn't want them coming in and being either exposed to it,
5 set it off or being there and having it go off because of
6 the fire. So we let it burn out. We contained it but it
7 didn't leave the facility. Thank you. Any other
8 questions or comments? Carol?

9
10 MS. CAROL WITT-SMITH:

11 Is there any progress in the status
12 of the Air Force transfer? Is that going anywhere?

13
14 MR. PAUL CLOUD:

15 It is still - we are still discussing
16 that with the National Guard bureau of the Air Force,
17 Fish & Wildlife. The status has essentially not changed
18 yet but it is still an acquisition. Ken?

19
20 MR. KEN KNOUF:

21 Since the RAB seems to be a fairly
22 fluid group in terms of membership here could there be a
23 revised membership roster or a roster distributed?

1 MR. PAUL CLOUD:

2 Yes there can. One (1) of the things
3 I had planned to do this summer until Bob Grewe resigned
4 was to go through and look at the members that were
5 currently on the board to see how many were actively
6 participating and to do two (2) things. To see if those
7 that were not still intended and desired to be a member
8 and so actively indicate that. If not they would be
9 dropped and then to go seek an addition to the board.
10 Because Bob resigned in August that put that effort on
11 hold. That is one (1) of the things that I briefly
12 discussed with Richard just tonight. Since he is brand
13 new it is probably appropriate within the next month or
14 so to initiate that effort and then advertise to the
15 community as in large for anyone that would be interested
16 in becoming a RAB member. So yes that is the intent and
17 that's what we plan to do. Carol?

18
19 MS. CAROL WITT-SMITH:

20 Did you guys see the proposed rules
21 of the RAB process?

22
23 MR. PAUL CLOUD:

24 Yes.

25

1 MS. CAROL WITT-SMITH:

2 We just got that.

3
4 MR. PAUL CLOUD:

5 We have seen that and we've also seen
6 the recent Army guide on Restoration Advisory Board law.

7
8 MS. CAROL WITT-SMITH:

9 As a suggestion at the Navy site
10 there's a federal register that just came out for those
11 asking for comments on the Restoration Advisory Board,
12 the RAB process. And it is in public comment period
13 right now so what they're doing is asking anyone for
14 comments and suggestions on ways of improving the RAB.
15 You know it talks about the key things that have been
16 done throughout the process of community relations and
17 minutes and outreach activity. So they are looking for
18 suggestions right now on that. So I'm sure you know we
19 could get copies of that if anyone were interested.

20
21 MR. PAUL CLOUD:

22 It also is primarily focused for new
23 RABs although it - you know all facilities can be and
24 will be utilized by existing RABs. But the focus is more
25 new RABs because you know the BRAC '95 RAB was the last

1 round of base closures. And it was a large number of new
2 bases that were identified for closure that now need to
3 go for RAB. The primary focus of this but again it will
4 used for existing RABs to revisit how their RABs are
5 functioning, to make changes, augment/delete as
6 applicable. Anything else? Karen?

7
8 MS. KAREN MASON-SMITH:

9 I just have one (1) question.

10
11 MR. PAUL CLOUD:

12 Yes.

13
14 MS. KAREN MASON-SMITH:

15 The RAB in the future will we be able
16 to receive formal meeting minutes?

17
18 MR. PAUL CLOUD:

19 As you have in the past the answer is
20 yes. We have a court reporter here. She gives a
21 verbatim recording of the activities of the RAB and you
22 will continue to get copies. There are also copies
23 placed in the Administrative Record for JPG which is at
24 Hanover College. So if anyone desires to see the minutes
25 there they can go there and look at the minutes there.

1 There are verbatim transcripts of the meetings. And they
2 usually are there within a month of the RAB meeting
3 itself.

4
5
6 MR. RICHARD HILL:

7 I don't think we've all been getting
8 those.

9
10 MR. PAUL CLOUD:

11 No. There's only been certain --

12
13 MR. RICHARD HILL:

14 Okay.

15
16 MR. PAUL CLOUD:

17 But I can provide those.

18
19 MS. KAREN MASON-SMITH:

20 I have not received any.

21
22 MR. JOHN MANLEY:

23 I have seen the minutes.

1 MR. PAUL CLOUD:

2 Any other questions? I have no
3 closing remarks. Richard I will let you.
4

5 MR. RICHARD HILL:

6 Okay. Thank you. My closing remarks
7 are the same as my opening remarks. I want to get the
8 community more involved. I would like to challenge all
9 our board members to go out and find another person to be
10 an additional board member. Everybody get one (1) person
11 you know then we can have some more. Because we've just
12 been dwindling down since the beginning. Nobody - you
13 know people don't come as often as they used to. So if
14 you know somebody or think you know somebody that might
15 be interested in being on the RAB and the same way with
16 people out in the community too. You would be welcome to
17 join us. I think that's all. Yeah. Paul already talked
18 about getting the addresses and getting in contact with
19 the current members. I was just going to bring that up
20 but that's been done too. Thank you.
21

22 MR. PAUL CLOUD:

23 In closing I would just encourage everyone who
24 has not to sign in on the attendance sheets so that we
25 can keep you apprised of the issues and meetings for

1 Jefferson and also the next meeting of the Restoration
2 Advisory Board will be here on December 3rd, 7 P.M.
3 That's a Tuesday evening. And we will put out an agenda
4 within the next few weeks notifying you of what Richard
5 and I and RAB clean up team members, John and Karen, have
6 identified as issues to address at that meeting. If
7 there are anything that the community would like to see
8 on the agenda they can get ahold of Richard. They can
9 get ahold of myself or get ahold of Ken Knouf at the
10 Proving Ground and he can get ahold of me. And we can
11 look at those issues also either at the next meeting or
12 in future meetings. It is the intent starting with the
13 new year to have a RAB meeting every other month. So our
14 next meeting will be December 3rd when we can coordinate
15 with Richard and the state of the EPA of intent to hold
16 one in February, one in April and so on so we have at
17 least six (6) per year. As long as the issues and
18 specifics would require it. If they would require more
19 then we would look at more frequently. If they require
20 less then we would look at decreasing the number. Right
21 now it appears we need more meetings because of the
22 things that are going on. With that I would like to
23 thank everyone and --
24
25

1 MR. RICHARD HILL:

2 One other thing. I've been saying -
3 Paul said get ahold of me. My home number is 273-6015
4 and I have a card here with my work number on it where I
5 can be reached. I work at Ivy Tech here in Madison. I
6 can be reached there during the day. I have voice mail,
7 answering machines, all that kind of stuff.

8
9 MR. PAUL CLOUD:

10 With that I would like to close the
11 meeting and thank you all for coming.

12 * * * * *

13 CONCLUSION OF HEARING
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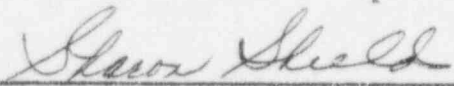
C E R T I F I C A T E

STATE OF INDIANA)
) SS:
COUNTY OF JEFFERSON)

I, Sharon Shields, do hereby certify that I am a Notary Public in and for the County of Jefferson, State of Indiana, duly authorized and qualified to administer oaths; That the foregoing public hearing was taken by me in shorthand and on a tape recorder on October 22, 1996 in the offices of the Salvation Army Headquarters, 331 East Main Street, Madison, IN; That this public hearing was taken on behalf of the Jefferson Proving Ground Restoration Advisory Board pursuant to agreement for taking at this time and place; That the testimony of the witnesses was reduced to typewriting by me and contains a complete and accurate transcript of the said testimony.

I further certify that pursuant to stipulation by and between the respective parties, this testimony has been transcribed and submitted to the Jefferson Proving Ground Restoration Advisory Board.

WITNESS my hand and notarial seal this 30th day of October, 1996.


Sharon Shields, Notary Public
Jefferson County, State of Indiana

My Commission Expires:
July 2, 1999