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DOE COMMUNITY MEETING
THE PLANTATION
APRIL 15, 1997
6:45 P.M.

MR. STEGNER: Thank you all for coming. My name is Gary Stegner and I work at Public Affairs for the Department of Energy at Fernald. We've been asked to move through things quickly this evening and we will do our best to accommodate you there. Tonight's agenda you will see there is really no diversion of what we've been doing in the past. There will be no breakout sessions tonight. We want to address the group on a whole on a couple of issues. After I get done drumming on here for a few seconds, Jack Craig will speak, followed by Johnny Reising who will give his patented clean up status report and John Bradburne will then speak and then we will have comments by the regulators and stakeholders immediately after that period culminating in a question and answer session. Let's see, the first thing I did want to do is, Jeannie, can we have the next slide. You folks that brought your calendars, this is kind of a -- we're going to keep you busy through the summer is what it amounts to. You can see coming up in the very near future, as a matter of fact next week, it says ten-year planning meeting, actually what it's going to be is a

1 discussion of our accelerated baseline. We're going to
2 sort of go through it project by project from where we are
3 right now to where we envisioned to be at project
4 completion to when the projects will be completed. In May
5 you will see we will be kicking off our Silos project, a
6 workshop the first one in a series of workshops. We will
7 be discussing pathforward primarily for silo 3. We will be
8 discussing the entire project but primarily silo 3 will be
9 the crest of our efforts this summer. We will be sending
10 you cards announcing these meetings but we wanted to give
11 you guys some advance notice on this. The OU2/OU5 workshop
12 we will be discussing it in closure and hopefully some of
13 the things that you guys have asked for in the past,
14 particularly as it relates to type of material, size of
15 material, we will be going on to the onsite disposal
16 facility and that's tentatively scheduled for the 27th. We
17 will clear that with the regulators tonight but I think
18 that is the date that was convenient for the stakeholders.

19 UNIDENTIFIED LADY: What is a CP and T meeting?

20 MR. STEGNER: Cooperative and Training Session.

21 I also wanted to announce, I'm kind on a roll here,
22 is that tomorrow we will be distributing a draft work force
23 restructuring plan at the site to our work force and to our
24 stakeholders and it will be out for a public comment
25 period, there is a cover letter that announces the time of

1 the comment period. I want to stress of the fact that
2 there are no work force restructuring activities scheduled
3 for Fernald in the foreseeable future. What we are doing is
4 we are participating in the headquarters process, we are
5 trying to standardize the work force restructuring efforts
6 throughout the complex. They have asked each side to
7 develop a plan that is to be the model that they are going
8 to be using throughout the work force restructuring process
9 at each respective field entity. The reason the timing of
10 this is that the mount facility in Miamisburg will in fact
11 be undertaking some work force restructuring activities so
12 what we will do is ask you guys to take a look at it and
13 comment on it if you have comments. We have heard some
14 comments already from some folks that have had some
15 preliminary screening. Please return your comments to me
16 by the date indicated in the letter and again I want to
17 emphasize that there is no reduction in force planned for
18 Fernald in the foreseeable future. Our budget and work
19 force projections are well aligned so we see no eminent
20 need for any kind of reductions in force or work force
21 reduction at the site.

22 What I want to do also, Tricia Thompson is here and
23 I don't know if this is -- this may be her first so I want
24 to ask Tricia to stand up and I will sort of point you out
25 as being the new Director of Public Affairs of Fluor Daniel

1 Fernald. Trish has been with us for a few months now. We
2 have a court reporter and I think this is her first Fernald
3 community meeting so anybody who speaks if you would please
4 sort of state your name, announce clearly for her. We do
5 have a number of handouts at the back of the room including
6 the general accounting office report, the March Fernald
7 report, operations progress sheets are up there and I want
8 to let you know that we do have a home page now and I had
9 that down here and Tricia, what is that home page address,
10 phone, whatever that thing is called? WWW.Fernald.Gov --
11 you can see I access the home page a lot, but it is up and
12 we urge you to kind of dial in some time and check us out
13 on that. There is also a sign up sheet in the back of the
14 room to order new documents if you want from the Public
15 Environmental Center. We thought we would have the report
16 from our independent technical review team who was looking
17 at the path 4 for operable unit 4. We are not going to
18 have that. Jack Craig is going to speak to that this
19 evening, however we expect to have an IRT report and the
20 PEI fee by the end of next week so if you want to check
21 then I think it is safe to say we should have it by then.
22 Hopefully folks, we can have you out by about 9:00 this
23 evening. It's usual to have these things last about two
24 hours and I also want to make a note also that since our
25 last session, Bill Hamrick, the manager of the field office

1 has retired and he plans on moving out west but Bob Folker,
2 sitting here at the front table is taking his place on an
3 active basis and Bob will be here at least for the next few
4 months with an active field office manager of the Ohio
5 field office.

6 So, without further ado, I will turn things over to
7 Jack Craig.

8 MR. CRAIG: Good evening, thanks Gary, a couple of
9 things on the agenda that I was going to talk about. First
10 of all the GAO report. Gary said a copy is on the back
11 table there, probably about 25 copies. If we don't have
12 enough, if we run out, we can get you more, but we have
13 copies in the PEIC. There are a number of activities that
14 are going on as a result of the report being finalized.
15 Many of you have read the GAO and their review really
16 recommended two things. One was to review the Fluor Daniel
17 Fernald contract, look at the options that were available
18 to the DOE before making a decision on how to proceed with
19 that contract. In response to that there is a team of DOE
20 people, three of them from headquarters and two of them
21 from our office that are reviewing the contract options
22 right now and hopefully they will have a recommendation
23 completed and we will have some path forward developed for
24 the Fluor Daniel Fernald contract by the end of this month
25 and we will give you more information on that as we get it.

1 The second recommendation had to do with the improvement of
2 the DOE oversight of the contract. There are many
3 activities ongoing in relation to that both in safety and
4 project management. What we have done is we have developed
5 a plan, a national plan in response to all of the items
6 that are outlined in the report. There are about 35
7 actions that we have identified there. We have developed
8 a plan for that, in fact the plan was just signed off today
9 and we can get copies of that, hopefully by the end of the
10 week for people to look at. The second item I want to talk
11 about is operable unit 4 and once again, there are many
12 activities ongoing in relation to operable unit 4. As many
13 of you know we had an incident with the melter in December
14 where actually the melter lost its contents. In response
15 to that we had a team jointly of DOE and Fluor Daniel
16 Fernald people look at the incident itself and their
17 investigation report was actually completed and that report
18 is available and PEIC also, looking at that incident itself
19 with the melter but in addition to that, there are a number
20 of other things ongoing right now. One is late last fall
21 we convened a panel of independent -- review panel of
22 technical experts to look at the options around the
23 trification of silos 1 and 2 and a different option for
24 silo 3. That team met a number of times and their report,
25 as I understand being finalized this week as Gary said and

1 the final report, as Gary said, will be in the PEIC and
2 available for review next week and as I understand it
3 anyway that report actually has a majority report and
4 minority report and I'm not exactly sure of the format of
5 the final report, but we will all see that shortly. There
6 is also ongoing a team of people from the corp of engineers
7 which we had come in as part of the review of our baseline
8 to look at operable unit four, look at the cost estimates
9 that have been generated for the different options of
10 operable unit four and they are also looking at developing
11 some kind of report which will look at all of the options
12 within operable unit 4, mostly on a cost basis, but also
13 from a reliability and technical complexity basis. Their
14 report will be out in mid May so that is another piece of
15 information that will be available for people to evaluate
16 in our decision on a path forward.

17 The Fernald citizens task force is also actively
18 evaluating operable unit 4 activities. The last task force
19 meeting I believe there was some recommendations made with
20 respect to the silos 3 and silo 1 and 2 and I believe those
21 recommendations will be finalized shortly and will be
22 available by the time of the next meeting which is May 10
23 and those recommendations will be finalized for that.
24 There are a couple of other meetings scheduled for public
25 involvement of activity on operable unit 4 as you can see

1 on the schedule here. I believe there is a meeting
2 scheduled in May, the fourth item there in May, May 14,
3 there is a workshop scheduled to talk about operable unit
4 4 and activities surrounding the pathforward there and also
5 we've scheduled in June but not set aside a date yet.

6 The final thing I wanted to give you a little bit of
7 update on as much as I can is the planning efforts around
8 the PEL or department wide ten-year plan. We had hoped
9 that the ten-year plan would be published enough for
10 official comment by the middle of this week but I'm sorry
11 to announce that is not going to take place. I believe, as
12 least what I have been told is the new administration and
13 Secretary Panya wants to be comfortable and understanding
14 is in the plan prior to its being released to the public so
15 there is going to be about a two or three week delay in the
16 release of that document while the new team of people can
17 review and get familiar with it. The good news is the plan
18 is not scheduled to be finalized in its final form until
19 the end of September so there is plenty of time throughout
20 the summer and we will be developing some workshops to make
21 sure our ten-year plan has effective public involvement
22 built into it before it is finalized and we do have some
23 time throughout the summer to make sure that happens. We
24 have scheduled a meeting next Tuesday the 22nd to talk
25 about our baseline. Essentially our ten-year plan is

1 nothing more than our baseline that we have been discussing
2 openly for about two years now and with that meeting we can
3 give you an update where we are at, progress we're making
4 for the baseline itself and give you any further updates on
5 the national ten-year plan. That's all I have, so Johnny
6 is up next and he will give you the details of what we did
7 over the last I guess six months or so and a few of the
8 upcoming activities.

9 MR. REISING: Thank you Jack. I'm going to be
10 covering a fair amount of material and I will probably do
11 it fairly rapidly so bear with me. There's a number of
12 people in the audience who are the true experts as far as
13 the projects on the site are concerned. I will give you a
14 very high level overview so please feel free at the break
15 or at the end of the presentation to capture myself or
16 someone and if there are specific questions that you have
17 about a project or some of the activities that I have
18 discussed, let me know and I can either give you some
19 response to that or aim you to the right person.

20 One of the things I would like to do and this is an
21 aerial photo of the site I'm going to be talking about some
22 specific projects and activities and one of the things that
23 I have determined in putting this presentation together is
24 that it's very easy to get confused when you start talking
25 about various aspects of the site. We have gone from a

1 transition from the study and evaluate to the actual
2 implement work phase at the site so we are into the stage
3 of trying to integrate various activities and look at the
4 site as a whole and as you probably know and we will be
5 discussing it in more detail in the future, we have
6 actually gone from an operable unit concept to a
7 projectization aspect so even though my presentation is in
8 reference to the operable unit as a result of the surplus
9 and various projects, we have, we will be talking about
10 specific projects also. I'd like to first of all
11 differentiate some of the things I will be talking about.
12 I will be talking about three roads here this evening
13 fairly briefly. One is the road that is located where the
14 pointer is at this point in time. This is the original
15 north access road presently is closed and has been closed
16 for a number of years and in checking I think it's been
17 closed since about 1954. This original north access road,
18 we have plans to reactivate and utilize it for construction
19 traffic in the relatively near future so we'll be talking
20 about some of the activities involved with this original
21 north access road. We will also be talking about existing
22 main access road to the north which is presently located in
23 this area and goes down through the site. We have plans to
24 close this road about July 1 time frame and we will be
25 talking about the reasons for that and we will be

11

1 re-routing this road as a result of the activities on the
2 onsite disposal facility in the relatively near future.
3 Also I will be talking about some activity again at the
4 operable unit 2 dealing with the present billing of a haul
5 road. This haul road will basically go from the southern
6 waste unit of operable unit 2 and basically follow a track
7 of somewhat of this fashion up in through here and then
8 into where the onsite disposal facility is going to be
9 placed. So again I find it confusing in my remarks to talk
10 about the original north access road, the existing north
11 access road and the haul road so a few brief moments to
12 kind of point out to you as far as the entire site is
13 concerned and its various activities.

14 Operable unit 1 is a waste pit at about 36 acres or
15 so in size consisting of about six or so pits. Some of the
16 activities that have taken place recently within the last
17 seven months since our last meeting, the remedial action
18 work plan, submitted and approved. The remedial action
19 work plan basically is a follow up document from the
20 original design work plan and it delineates a little more
21 specifically the actions to be taken and primarily its main
22 importance is to establish milestones and dates. The key
23 issue with the remedial action work plan was the
24 establishment of the actual first waste processing and
25 loading out of the waste pit area and an OU1. This date is

000011

1 determined to be March 1, 1999 so as we go through operable
2 unit 1 talking about the various activities that are taking
3 place, they are all targeting and being conducted in order
4 to meet that March 1, 1999 first load out date and
5 processing of material. Procurement actions as far as the
6 ARASA subcontract is concerned, this is the ultimate
7 remedial actions of contracts approach. This is what we're
8 going to engage in a subcontractor to up limit the remedial
9 action for the waste pits. Remedial action is to excavate
10 the material, to dry and ship it off site to a committed
11 commercial and disposal facility. This is going to be
12 accomplished via rail utilizing unit trains of about 40 or
13 so cars in length. The ARASA subcontractor will be
14 responsible for excavating material, treating it and drying
15 it and then loading it into the train cars to be shipped.
16 As you can see the activities as far as ARASA is concerned,
17 we issued an RFP to seven pre-qualified vendors and we
18 received proposals recently here in April and we are in the
19 process of evaluating them and we anticipate awarding the
20 contract some time in September. The actual field work,
21 notice to proceed, we contemplate starting sometime in the
22 summer or fall of 1998 and again this is all anticipated
23 for the first load out or waste processing of March of
24 1999.

25 The Okeana Trestle, there are three trestles between

1 here and Cottage Grove, Indiana. The largest one located
 2 in Okeana. There is a spout line of about ten miles or so
 3 in length which is a spur track from the site which leads
 4 to the main CSXT line. We are in the process of having
 5 awarded that contract and mobilization is taking place and
 6 action has commenced on the upgrading of the trestle. It
 7 needs to be upgraded in order to facilitate the unit as far
 8 as using it as a load out.

9 Continuing with operable unit 1, some of the other
 10 activities associated, on site rail improvements, as you
 11 can read the various bullets we have been doing a lot of
 12 activity as far as the rail improvements. As we said the
 13 mode of transportation is a use of these unit trains and
 14 that includes the installation of about 17,500 feet of rail
 15 and this is for various switches and turn outs and a new
 16 track is actually being replaced on the site and we're in
 17 the process of developing a rail yard which is in the
 18 northeastern portion of the site. This rail yard consists
 19 of about 11 lines of track and will be able to facilitate
 20 approximately 165 cars at any one time and right now we are
 21 anticipating purchasing about 135 or so condola cars to use
 22 in these trains. Also part of this contract is the upgrade
 23 of the onsite trestle that we have which traverses Patty's
 24 Run up in the northwestern portion of the site.

25 Various site improvement activities, we are

1 utilizing our forces in order to ready the site for the
2 ARASA subcontractor to come in and to set up the actual
3 treatment and drying operation and the load out operations.
4 This primarily consists of leveling the area, cut and fill,
5 storm water, run off control and erosion control and a lot
6 of this area is in the process of being completed and also
7 we're in the process of completing the rail scales and rail
8 pit which is down at the southern portion of this area
9 which is where the train cars will be loaded and weighed
10 before they are actually taken out up into the railyard for
11 shipment in the unit train.

12 To get to the discussion of the original north road
13 access upgrade, as we indicated, as a result of having
14 closed down the road that is actually on site going from
15 the area on the on site facility going toward the old fire
16 training facility, that has been used primarily for access
17 for the rail upgrades in that north rail yard. As a result
18 of having to initiate activities with the on site disposal
19 facility leachate conveyance project, we're going to have
20 to close that road, thus we need to have ingress from the
21 northern portion of the site. The decision has been made
22 and we worked with the Ohio Department of Transportation to
23 actually do some upgrades of State Route 126 to the north
24 of the site, basically we're going to be generating a turn
25 lane in the middle of that. Right now you have two lanes

1 in an east and west direction. Basically what we will be
 2 doing is you will be going from the two lanes will then
 3 divert into three lanes and back into the two just beyond
 4 the road. I have a couple of diagrams here which better
 5 depict the actual activities that are going to take place.
 6 On occasion, because we will be widening the road and going
 7 from basically two lanes to three lanes or maybe occasions
 8 to where as a result of paving and other activities over
 9 the course of the next 45 or 60 or so days that there may
 10 be some restrictions as to one lane of traffic on that
 11 stretch of State Route 126 but we are working with the Ohio
 12 Department of Transportation as far as making sure that we
 13 have all the precautions taken care of and utilizing
 14 flaggers and other precautions in relationship to that.

15 Just a couple of slides and these are in your
 16 package and I will try not to dwell on these too much but
 17 the Okeana Trestle which you can see up here the fairly old
 18 trestle and we're in the process of upgrading that in order
 19 to support the traffic that we're going to have with the
 20 unit trains. This is an overall site and site preparation
 21 that we talked about and there is a biosurge lagoon located
 22 in this area, the actual waste pit themselves are located
 23 in the 36 acres area off the site and this is the area
 24 where you can see a lot of leveling and dirt work being
 25 conducted at this point in time. This is where the actual

1 scale pits and retaining wall for the track is for the load
2 out material -- there will be tracking back in this fashion
3 and this goes back to the north rail yard which is located
4 back in this area and as you can see there has been grading
5 work that has been conducted as far as actual turn out and
6 trackage going out to our line and back out to the main
7 rail. So again, a lot of dirt work, excavation, cutting
8 and filling taking place and site preparation in
9 anticipation of letting the ARASA contract and the
10 subcontractor to come in here and set up his operation in
11 order to treat and, excuse me, to excavate the dry and load
12 out this material.

13 This is again an aerial photo of the site and here
14 we have State Route 126 and this is the old original north
15 access road, this being the existing currently used main
16 north access road. It is about a half mile off of the
17 intersection of 126 from the existing road to the old
18 original road. The area that we're going to be enhancing
19 and widening is basically in this area and as the traffic
20 comes from the east travelling to the west, we will be
21 developing as opposed to the two lanes, there will be a
22 middle third lane which will in fact be a turn lane to
23 accommodate turning of the equipment down the road and into
24 the rail area where possibly the site prep area. Presently
25 it is anticipated that between 7, 8, 10 trucks per day

1 within the next 45 or 60 or so days will be utilizing this
2 road and then that traffic may taper off for a while and
3 then possibly be reactivated as the ARASA subcontractor
4 starts bringing in the equipment to be put down in the site
5 treatment area. This is a diagram that is a little better
6 and actually depicts the process that is going to take
7 place. Again, this is State Route 126 and there is the
8 intersection with the original access road and the dark
9 area constitutes the area where we will widen the road and
10 increase the width of the road as opposed to being simply
11 two lanes back in this fashion, it will then go into three
12 lanes with the middle lane being a turning lane which will
13 allow the traffic to skirt around the right side of the
14 vehicles and for traffic that would then come from the two
15 lanes from the west travelling east to basically move in
16 this fashion with again the center lane being used for the
17 traffic itself. This really is not a turning lane, it is
18 simply a median area which will be painted to allow going
19 from three lanes back to the two lanes and again we have
20 been working with the Ohio Department of Transportation to
21 ensure this all goes according to the proper standards.

22 Operable unit 2, the other waste areas, solid waste
23 land fill, a couple of lime sledge ponds, flash piles and
24 the south field area. Operable unit 2, the remedial access
25 route of unit 2 is to excavate the material and to place it

1 in the onsite disposal facility. Any material that will
2 not meet the waste acceptance criteria of the onsite
3 disposal facility will be shipped off site. Also located
4 in the operable unit 2 is the on site disposal facility
5 itself. It is located, as I showed you previously up in
6 the northeastern portion of the site. As you can see
7 numerous activities related to that as far as the approval,
8 submittal approval of the design, the leachate conveyance
9 system. The leachate conveyance system is the mechanism or
10 project that is going to take the leachate, which may be
11 encountered actually within or under the disposal facility
12 itself and then convey it from there to the advanced waste
13 water treatment facility where it will then be treated and
14 discharged. So you can see that contract has been awarded
15 and has been mobilized and also of significance is the
16 award of the actual contract of phase 1 of the onsite
17 disposal facility itself. This is for the building of the
18 first two components and the first two segments of the
19 onsite disposal facility of the total eight that we have
20 planned at this point in time. Presently we are
21 anticipating starting that activity on or about hopefully
22 July 1 of 1997.

23 The haul road, as I mentioned before, this is to
24 allow us to excavate the material from a primarily de-soil
25 and rubble from the south field and south waste units,

1 which is the flash pile, an active flash pile at the south
2 field and convey that up around the site up to the north
3 and then into the onsite disposal facility. Again I
4 mentioned in my opening remarks about the re-routing of the
5 north entrance road. As a result of having to initiate
6 activities on the onsite disposal facility Leachate
7 Conveyance system, we're going to have to move that road.
8 As we get into the actual construction of the onsite
9 disposal facility, those first two disposal cells, we will
10 have to close off the north access road. As a result, all
11 of the traffic into and out of the site will have to be
12 through our south access road to Willey Road and then
13 either to the east or to the west. We have worked with the
14 Ohio Department of Transportation and we've done a traffic
15 study and we've done a number of evaluation and variance
16 contingencies that we are looking at in trying to make
17 simple decisions in relationship to that. At this point in
18 time we anticipate closing the road down approximately July
19 1 through probably the end of October for about a four
20 month period. Some of the contingencies that we are
21 looking at, such things as putting an extra turn lane or
22 right turn lane at the intersection of Willey Road and
23 State Route 128 to allow that traffic to move smoothly,
24 that will be going to the south. Also the utilization of
25 the Sheriff's Patrol and various onsite guards at peak

1 traffic times and also we're looking at the possibility of
2 initiating staggered start times in order to reduce our
3 havoc and sort of an even flow of traffic in relationship
4 to that. Again, we will be discussing this further in the
5 future as things develop but we wanted to make sure that
6 people were aware of this and that I think we have plans
7 for the ongoing program and through other representatives
8 to meet with the township trustees to discuss any issues
9 and concerns that may be related to that.

10 Again, this is just, like this slide is to depict
11 some various activities from a graphical standpoint, I had
12 the aerial photo previously to give you an indication of
13 where some of the activities are. Again, these are the
14 various disposal cells on the onsite disposal facility
15 itself, again, recently letting a contract for the initial
16 2 and as you can see this is the existing north access road
17 and as of the first of July, we start the activity in this
18 area and basically we're going to have to close that road.
19 As you can see that road is going to be re-routed in this
20 fashion in possible two phases. There will be the first
21 phase and as you will then fill this out and come south,
22 this will have to eliminate this road and there will be a
23 second phase in this fashion. Again, the haul road that we
24 talked about, this is the area of the south field and flash
25 area. This is where the haul road will basically come up

1 and go around through the site and take advantage of some
2 of the existing road bed that we have that is in the
3 process of being upgraded and proceed through the area and
4 then into the disposal facility itself. This is the area
5 of some of the trackage, the eleven or so rail yard that I
6 talked about in operable unit 1 and again, this is a BOU
7 waste pit area and actual site prep itself. Jeannie?

8 Quick shot from the north, look to the south and
9 southwest and again this is primarily the footprint of the
10 onsite disposal facility. Again, the current, existing
11 north access road in that will be closed. This is the area
12 where the Leachate Conveyance system will be constructed
13 and as a result this east/west road that currently exists
14 from here over to the old fire training facility will have
15 to be closed which basically necessitates status of having
16 to utilize a north access, the original north access road
17 for construction activity. Again, this is the first phase
18 of the onsite disposal facility and you can see this
19 material has had about six inches of the top soil stripped
20 from it and put into an impacted stock pile and we are in
21 the process of trying to complete our soil certification so
22 that we can initiate the actual construction of the onsite
23 disposal facility.

24 Quick shot showing you somewhat the dimensions of
25 the haul road. Again, this is coming up from the south

1 waste unit, going up toward the north and you can see the
2 western water tower in that area so we're basically looking
3 in a northeast fashion from the southern waste units.

4 Operable unit 3 former production area, primarily
5 consisting of all of the man-made structures on site except
6 for the silos, fair amount of activity. The remedial
7 action or operable unit 3, basically we made a decision
8 that all of the structures will come down and be D&D in a
9 final record decision which was decided in I think
10 September 24, a decision was that this material would
11 either, the debris and rubble would either go into the
12 onsite disposal facility, if it did not meet the waste
13 acceptance criteria and this material would go off site and
14 also the final record of decision to discuss the various
15 opportunities for recycling some of this material. As a
16 result of the consent agreement and the signing of the
17 record decision within sixty days, we are required to
18 submit our immediate onsite work plan and we have chose to
19 have a combined integrative remedial action work plan.
20 This document primarily sets out a schedule for submittal
21 of secondary documents, these documents being referred to
22 as implementation plans. So the remedial designs in
23 remedial action work plan for OU3 sets out the schedule for
24 the submittal of these implementation plans. We currently
25 have the site broken down into about 22 or so complexes for

1 the various D&D activities. The remedial design work plan
2 sets out a schedule for the submitted implementation plans.
3 The next couple of bullets depict some of the
4 implementation plan that have been submitted or are in the
5 process of being reviewed. For example Boiler Plant/Water
6 Plant, you can see the various activities that have been
7 related to those. We received approval on the
8 implementation plan and went down the street with the plan
9 for proposal and awarded that contract in February and have
10 issued a notice to proceed for the D&D of the boiler
11 plant/water plan. Right now we are anticipating completion
12 of that D&D sometime hopefully in December of 98. The
13 Thorium/Plant 9 complex also recently submitted
14 implementation plan to the EPA's and they are in the
15 process of responding to those comments. We anticipate
16 getting an RFP not on the street, hopefully by early May of
17 97 and try to initiate field work on the D&D in Plant 9
18 probably in September or so. The completion date is
19 anticipated as some time in August of 99 for the
20 Thorium/Plant 9 complex.

21 Safe shutdown activities, they continue to go quite
22 well. We are very pleased to say that we complete the safe
23 shutdown activities in Plant 5 as you can see and that was
24 completed about a month and a half ahead of schedule.
25 Plant 23 activities as far as safe shutdown activities is

1 ongoing. We started activities in Plant 23 in February 96
2 and we anticipate completing that in September of 98. The
3 next plant and the next complex safe shutdown is going to
4 move into is the Plant 6 complex and we anticipate doing
5 this in June of 97.

6 Additional D&D activities in Plant 1, many of you
7 may have attended the employing of Plant 1 February 22 when
8 we initiated the E&D of that back in January of 96. We are
9 in the process now of completing that or sharing and
10 stacking of that material on the plan itself. I think we
11 have plans for later on this afternoon or this evening to
12 have a brief three or four minute video on the Plant 1
13 itself to show you.

14 Plant 4, simply put on here to give you an
15 indication how the process works. Plant 4 as you remember
16 we had plugged back on August 24, 1996 and as a result of
17 having completed the D&D of that project we are required to
18 submit to the EPA's the actual completion report so this
19 entire sheet, this entire page shows you the process that
20 we go through for OU3 from the RDRA work plant to the
21 submittal of the actual implementation plan to the RFP and
22 award of a contract, the actual D&D and the consummation of
23 that and the final report to the agencies. We will be
24 going through this process approximately 22 or so times.
25 Jean? This is a shot of the process area showing you the

1 various plants and when I say plant this and plant that,
2 sometimes it does not make a lot of sense so putting a name
3 on the face helps on occasion. Again, Plant 1 is still
4 standing prior to the inclusion, water plant, area that we
5 have recently given the notice of receipt as far as the D&D
6 is concerned, Plant 9, Thorium complex and the next D&D
7 hopefully to be awarded for safe shutdown to be completed,
8 ongoing safe shutdown on Plant 23, Plant 4 long gone, Plant
9 7 just south of it, also long gone and then Plant 5 as far
10 as safe shutdown activity and the next one would be Plant
11 6 in this area. Jean?

12 A shot of Plant 1 and Plant 1 pad prior the actual
13 D&D taking place just to give you an up close and personal
14 view of what it looked like prior the inclusion, water
15 plant located in the background. Again, this is the Plant
16 1 pad, about ten acres of area and I think most of those
17 are gone.

18 Boiler Plant/Water Plant, 38 or so year old
19 facility, as you can see this was coal fired. When we
20 converted back, I believe it was in last June or so to the
21 coal fire, excuse me, gas fire boilers, we had coal
22 remaining to the stock pile and we actually donated about
23 178 tons of coal to the Cincinnati school district for some
24 of the facilities that still burn coal. This is a nice
25 collage and notice Plant 4, a little antiquated but shows

1 you how the process goes and how it is supposed to work.
2 There is Plant 4 prior to the D&D an actual inclosure
3 process and then that's what we end up with as far as the
4 actual hearing and stack and putting the material on the
5 pad and original stack.

6 Jack made some opening remarks about OU4 for any new
7 people in the audience who may not be familiar with the
8 operable unit 1-5 I throw this in not to skip the sequence
9 but that this is a shot of the OU4, the silos project,
10 silos 1 and 2 in K65 material in silo 3 in the coal -- this
11 is the area of the vitrification pilot plant and with the
12 melting house there.

13 Operable Unit 5, the environmental media includes
14 the soils and the sediments that serve as the ground water
15 -- the remedial action for OU5 is basically to excavate the
16 soils and put it on the onsite disposal facility. If it
17 does not meet the waste acceptance criteria, it will be
18 taken off site. As far as the water is concerned, the
19 surge and ground water, this material would be pumped and
20 treated to meet the final remediation of levels.

21 Various activities at OU5 over the last several
22 months, initiate drilling of the south plume injection
23 demonstration wells -- this is a 5 well program. There are
24 five wells put in the southern portion of the site just
25 north of Willey Road, in fact, you might have seen some of

1 the drill rigs out there in the recent past. This
2 injection demonstration basically allows us, the technology
3 allows us to add additional barriers to the movement of the
4 ground water and it also works with the various extraction
5 wells that are all north and south of these injection walls
6 which results in a flushing of the Aquafur, to allow us to
7 have a more expedited and rapid clean up. This is also
8 done in conjunction with another program that we mentioned
9 on here, the Optimization Program where we go through and
10 do a lot of evaluating upper ground level modeling in order
11 to evaluate the most operable places to place the
12 extraction wells in conjunction with these injection wells
13 in order to get the most bang for our buck. That is what
14 is referred to on the third bullet down as far as the
15 project specific plan for restoration or ground
16 verification sampling. The models are only as good as the
17 proof in the pudding. We have a verification sampling
18 program utilizing GO probes which we are evaluating the
19 actual results and predictions of our models as it pertains
20 to trying to develop our operation of the placement of
21 these wells.

22 Advanced waste water treatment facility we did do an
23 upgrade on the multimedia filters. Previously we used
24 multi-2 filters and we are about the increase the flow
25 rate. This primarily is your filter which is used for

1 various size and grades and for anything from sand up
2 through gravel. Additional activities as far as the
3 advanced waste water treatment facilities concern, we were
4 recently awarded the contract for the expansion of that, an
5 additional 1800 gallons per minutes of ground water
6 treatment and we anticipate this being completed some time
7 in the Spring of 1998 and this will give us a capacity of
8 approximately 2200 gallons per minute as far as ground
9 water treatment is concerned at the time.

10 An another activity that is ongoing and those of you
11 who have visited the site, it is quite obvious we were
12 awarded the contract for the parking lot storm water run
13 off diversion project. Prior to this point in time the
14 water that would run onto the parking lot would be taken
15 into the storm water retention basin. It has been
16 determined that the quality of the water does not need to
17 go into the storm water retention basin and we are in the
18 process of re-routing the drains to take it into Patty's
19 Run and we need to do this in order to maintain adequate
20 capacity in the storm water retention basin because as we
21 look at the various construction activities in the area of
22 the land site disposal facility, etc. we're going to be
23 having to collect that water and take it into the various
24 drainages for the onsite, the storm water retention basin
25 so that's going to disrupt parking and various activity at

1 the site for a while.

2 And again, just some pre-final design packages,
3 again, dealing with the south plume optimization and
4 injection wells. I notice somewhat of a milestone is the
5 draft final integrated environmental monitoring plan
6 submitted to the EPA's. We have been in negotiations with
7 the EPA's for probably a little over a year or so trying to
8 come to a resolution on this document and this is a plan
9 that integrates all of the site wide departments in
10 samplings into primarily a single controlling document
11 dealing with air sampling and air monitoring surge and
12 ground, results of this document are anticipated to be
13 submitted quarterly.

14 Public water supply at this point in time it appears
15 that we are 99.9+% completed with that activity. We have
16 completed about 125 or so hook-up of the public water
17 supply and we are in the process of trying to complete one
18 additional one and also to do some re-seeding and regrading
19 as a result of those activities.

20 Area 1, Phase 1 soil certification report, milestone
21 extension, we had a milestone that was due, I think March
22 1, 1997 that dealt with the actual certification report for
23 area 1, phase 1. Area 1, phase 1, I have some slides to
24 kind of depict that for you. It is an area of about 60 or
25 so acres in size. It has, a portion of it is within the

1 actual footprint of the onsite disposal facility itself and
2 it goes up also toward the older original north access
3 road. The soil certification process is one, whereby we go
4 in and take soil samples to verify that the area is clean,
5 to certify it clean and prior to either doing any activity
6 or to simply certify it clean and then a complete activity
7 can take place. In the area of the onsite disposal
8 facility we anticipate going in and conducting about a 90
9 day or so sampling regime and taking samples and run it
10 through the lab and go through the validation and then be
11 able to certify that as clean prior to actually
12 construction of the onsite disposal facility. In order to
13 accommodate this, we went in and made the decision on the
14 footprint to take off the original 6 inches of material and
15 hopefully any of the surface deposition that would have
16 resulted from the various years of release, would have been
17 taken care of but unfortunately we have had problem coming
18 to final resolution. First of all, as far as the
19 methodology for the soil certification and the process
20 itself is concerned and also we ran into some other delays
21 within that 90 day period of that 90 day I think we had
22 about 29 or so days which were actually rain days which
23 kept us out of the field and in addition we anticipated
24 that the majority of material would have been captured by
25 taking the initial 6 inches on the footprint itself and we

1 did not anticipate the hot spots to be located elsewhere.
2 Unfortunately we have come across, in this case at least
3 one hot spot as far as total area is concerned, up in the
4 area near the old access road, north access road and that
5 is an area very close to the intersection of the original
6 north access road and State Route 126. As a result of the
7 soil sampling and possible result of the soil certification
8 process, we did in fact come across and locate this hot
9 spot. In dealing with both of the EPA's, we were able to
10 devise a mechanism to up and delineate that, to go up and
11 actually excavate that material. The hot spot is about, I
12 believe 40 feet by about 35 or so feet and we had to take
13 about six inches of that surface material, however, there
14 was an area somewhat in the middle of it, probably a 3 foot
15 by 5 foot area where we had to go down a couple of feet and
16 we had to take up about 3 dumptruck loads of that. The soil
17 in that area, the hot spot that was detected ran about 220
18 parts per million total uranium but we had to take that up
19 and we took it to the impacted stock pile.

20 Again, some quick slides showing you some of the
21 activities in OU5. This is the installation of the
22 injection wells that are just north of Willey Road, a bank
23 of five of those work in conjunction with the extraction
24 wells. Jeannie?

25 This is one of the wells being placed and for those

1 of you who know your typography and geography, there is the
2 house upon the hill and there is Willey Road and we are now
3 down near the bridge as far as the intersection of Patty's
4 Run Road. The advance waste water treatment facility
5 showing you the various aspects of it and again, a state-
6 of-the-art waste water treatment facility and a number of
7 upgrades that have been taking place.

8 This is the inside of the facility and as you can
9 see this is the bank of the multimedia filters that have
10 been refurbished as far as the increase capacity of the
11 1800 gallons or so, that enhancement or expansion has been
12 taking place in this area. We are fortunate to have enough
13 room in this building for these various expansions.

14 Again, this is just an area of the area 1, phase 1
15 indicating the various activities and again in order to
16 take off the top soil material, you had to make sure that
17 you were, had all of your sediment ponds and your sediment
18 controls for construction.

19 An overall shot from the south looking towards the
20 north, this is primarily the area of area 1, phase 1 and to
21 this fashion over to here and then back down and into this
22 area. Again, the decision made to take out the first six
23 inches of dirt or so on the footprint of the onsite
24 disposal facility. Again, the existing north access road
25 and again, fire training facility road, has been the

1 original north access road.

2 Technology programs, I've had a fair amount of
3 activity in the last seven months as far as the technology
4 program were considered. We conducted six additional large
5 scale D&D technology demos for plant 1 which was recently
6 imploited. Previously we evaluated various types of
7 technology in a real field application. Some of those were
8 such things as some steam cleaning insulation removal and
9 some of the sponge cleaning. The six recent ones, a couple
10 of those, there was a laser induced fluorescent technology
11 which was employed and this is a methodology which is used
12 to detect surface contamination on the sides of the
13 building and it saves time and labor as far as physically
14 being able to determine if in fact they are clean or not
15 and ready to be taken down. We've had a lot of success
16 with the oxy gasoline torch. This uses gasoline as opposed
17 to acetylene for cutting. It cuts very hot, hotter than
18 the acetylene and also you don't have the burden of the
19 very large acetylene tank to take around with you.

20 Other activities, as far as the D&D is concerned,
21 there was a pipe inspection technology that was tested at
22 the site and the utilization of a video camera and it also
23 has the ability to record the material. Normally as far as
24 pipe inspections are concerned within the safe shutdown
25 process, we have to do a manual physical evaluation of that.

1 and we may eventually be able to utilize this as far as the
2 actual video process is concerned.

3 Other activity, the STCG, the site technology
4 coordination group as you can see met in October, January
5 and March and there were a number of topics being
6 discussed, the focus groups, the large scale D&D activities
7 and more recently something I will talk about in a few
8 moments as far as the technology deployment initiative and
9 all of the other various ongoing technologies of the site.
10 The technology program was highly involved with the
11 application of what I will refer to as the bar track, the
12 radiation the track system and I've talked about that the
13 last couple of presentations. This is a vehicle which has
14 a sodium iodine crystal fount on it and which is used in
15 the onsite disposal facility footprint area in an attempt
16 to try and get 100% coverage as far as the potential of
17 elevated levels of radiological contamination. This
18 vehicle has the capacity to cover approximately half an
19 acre today and its main intent is to try to utilize
20 termination of elevated levels or hot spots and to try to
21 accommodate some real time monitoring. We are in the
22 process of working with the EPA to try and be able to
23 utilize this but we are still in the process of trying to
24 evaluate the various types of technologies.

25 Other activities, provided tours and presentations

1 of these large scale technologies to the National Academy
2 of Sciences in March and they were very well received.
3 They also presented the results to the American Society of
4 Mechanical Engineers and entertained a peer review as far
5 as the cost and schedule of these activities. They have
6 also done very very well.

7 The last bullet, dealing with the fact that we are
8 developing proposals for what is referred to as the, the
9 Technology Deployment Initiative out of AN50. This is a
10 relatively new initiative to where there is approximately
11 \$50 million per year, hopefully for the next three years
12 complex wise. It could be available to the various sites.
13 They are soliciting individual proposals from the sites,
14 ranging in cost anywhere from approximately 1 million to 5
15 million dollars. We are in the process here at Fernald to
16 try and generate four and possibly five of these proposals
17 to be submitted by the middle of the May timeframe. A
18 couple of the proposals that we are dealing with, one is to
19 possibly use our depleted uranium to make boxes for the
20 shipment of waste material and disposal and another is to
21 try to continue the evaluation of the soil characterization
22 of the RTRAK as far as real time monitoring is concerned
23 and also using some of the onsite mobile labs. We are also
24 in cooperation with the Ohio EPA as far as looking at this
25 proposal. We are also looking at the continuation of

1 utilization of some of these large scaled D&D technologies
2 on a number of the smaller buildings that we have to
3 utilize those in order to save time and money on these
4 smaller D&D's. We have also a proposal in the mixed waste
5 area, as far as utilizing the Terra-Kleen process which I
6 will speak to in just a moment, if it proves to be
7 successful at the site. Also we are in the process of
8 trying to develop a proposal for the ground water
9 reinjection to continue to be evaluated and to enhance that
10 and make that available.

11 The intent of the technology deployment initiative
12 is to do just that, it is to deploy these technologies, not
13 only to demonstrate them but implement them and deploy them
14 throughout the complex. We are in the process of trying to
15 partner with other Ohio field office sites and other sites
16 within the complex to indicate that that in fact utilizes
17 these technologies that we have either the equipment or the
18 people with the expertise and that we would make that
19 available to other sites throughout the complex in
20 attempting to solicit their input in order to stay -- if
21 that works out well at your site, we will also take that
22 and utilize that as far as the technology in terms of cost,
23 saving costs and time.

24 Again, this is a couple shots of the technology
25 activities. This is the oxy assembling torch, again, that

1 is hotter than the 7/8 oxy gasoline, cutting hotter than
2 the acetylene, etc. Jeannie?

3 This is the pipe inspections, as far as the video
4 apparatus is concerned. This is being done as somewhat of
5 a demonstration and put up on the saw horse, but it could
6 be anticipated this could actually be done from a safe
7 shutdown capacity than the plant itself.

8 This the RTRAK mechanism as far as the real time
9 monitoring is concerned, the sodium iodine crystal and that
10 is in the bottom portion of this. It actually has the
11 ability to go across, traverse the site and has the ability
12 to actually record the location in the level of the
13 radiological activity. It has the ability primarily to go
14 down say probably between 50 and 80 parts per million as
15 far as total grade is concerned.

16 Waste management activities which kind of touches
17 all of the operable units and all of the projects. A
18 number of mixed waste projects, again mixed waste projects
19 are as a result of the federal facility compliance act and
20 the generation of the site treatment plan which I think is
21 December or so of 95. A number of activities as far as
22 mixed waste are concerned. And over ten thousand cubic
23 feet of mixed waste shipped out to Envioncare, this is in
24 about 110 white mailboxes and this was sold primarily from
25 the black training facility. We began, as you can see,

1 thorium sampling to complete characterization of the
2 remaining thorium waste on site. This is the Thorium that
3 is on site that is in addition to and other than the
4 Thorium overpack project. We do have a universe of Thorium
5 that is located in, I believe it is building 81 and also
6 the Quanson Huts. This differs primarily from the Thorium
7 that we had in the Thorium overpack project. It is in
8 numerous size containers however it is in fairly good
9 configuration as far as the containers themselves are
10 concerned unlike in building 65 where that material was
11 there for X number of years and it has undergone a lot of
12 degregation, these are in fairly good shape. In the
13 process of trying to sample those and initiate the
14 treatment of those and we hope to be able to treat and ship
15 this out by the end of fiscal year, 1998.

16 Next bullet is somewhat of a mistake here. We have
17 treated about 500 or so drums out of the 550 drums in this
18 waste neutralization precipitation in the affirmation of
19 the stabilization project. This is an ongoing activity
20 being done as far as the stabilization valued at plant 6.

21 The rapid commercialization initiative solvent
22 extraction project, they had a ribbon cutting on site this
23 afternoon and this is a presidential initiative to try and
24 demonstrate the use of the mature technologies at various
25 sites within the complex in somewhat of a consortium of EPA

1 and other states, as far as promoting this activity. We
2 were able to become a demonstration site for this primarily
3 because of its ability to try mixed waste that we have here
4 on site.

5 As far as shipment to NTS, currently this fiscal
6 year we have shipped about 123,000 cubic feet of low level
7 waste out to the bed and test site. As a result of all of
8 the ongoing discussions and negotiations with the Nevada
9 test site, we have entered into a proposal with them in
10 order to obtain a price cut. As far as the disposal is
11 concerned, negotiations with them indicated that if we
12 could have approximately 215,000 cubic feet this fiscal
13 year as far as shipments to the Nevada test site, we're
14 told of about 612 cubic feet, we could get a price cut from
15 the current \$17 per cubic foot down to about \$7.75,
16 realizing a fairly immediately savings and also the ability
17 to get material off site at a fairly expedited process. So
18 we are in the process of trying to finalize those
19 negotiations.

20 Nuclear materials inventory, as of March, again, any
21 antinuclear material left over from production dates prior
22 to 89, you can see the various quantities depleted, normal
23 and enriched. Presently the depleted, as we have
24 indicated, we do have the one proposal with the TDI and we
25 can possibly use some of that to construct boxes and to

1 ship waste with it. We are also continuing to pursue
2 transmitting or transporting that material to Oakridge and
3 Savannah River. As far as the normal materials are
4 concerned, we have sold the majority of this to Allied
5 Signal and we are in the process of hoping to initiate the
6 shipment to Allied Signal by about July 31 or so of this
7 year and we anticipate that those shipments would take
8 approximately two or three months to complete. As far as
9 the enriched is concerned, also try to negotiate transfer
10 of that material to Savannah River and Oakridge. We did go
11 out with a request for proposal last May and we have had
12 interest in that request for proposal. We do have interest
13 of about 40-46% of that material we are attempting to try
14 and consummate the award of a contract some time the end of
15 June.

16 Thorium overpack, basically you can see that the
17 Thorium overpack initiated their activities almost a year
18 ago today and some updated figures of this, as you can see,
19 we had an overall universe of about 5600 drums and to date
20 we have overpacked 4848 drums into 830 containers and we
21 have shipped 785 of those so again I would like to
22 compliment anyone and everyone involved with the Thorium
23 overpack project. It is a real success story as far as
24 being effective, efficient and basically coming in about a
25 year ahead of time.

1 A couple of shots, this is at building 8 where some
2 of you who have been there today as far as the actual
3 Terra-Kleen process, the solvent extraction process is the
4 initial stages of some of the equipment that is being
5 utilized from the various waste strains and that.

6 A classic shot of the remote control unit for the
7 Thorium overpack with the remote control and the grippers
8 there on the drum Thorium to the overpack. Those drums are
9 overpacked into tops or Thorium containers. Normally we
10 are able to get anywhere from between five or six Thorium
11 overpack containers into one top and again those are
12 shipped, taken and shipped to the site.

13 Again, thank you for your attention and as you can
14 see we have conducted a lot of activity in the last seven
15 months. One of the things that impressed me is we are
16 doing a lot, we are all going to make sure that we are well
17 integrated with all of the activities. For those of you
18 that drive by the site on occasion you will be seeing a lot
19 of activities. If there is something that you are
20 interested in, if there is something, an activity that you
21 don't understand, you have questions, please feel free to
22 give Gary a call and Gary can put you in contact with the
23 appropriate individual to give you your answer

24
25 (AT this time there is a short recess.)

1 MR. STEGNER: Next we have Fluor Daniel Fernald
2 President, John Bradburne.

3 MR. BRADBURN: I want to talk about a couple of
4 things. I think the presentation that Johnny gave was
5 quite comprehensive and conclusive of all the things that
6 have been going on since the last meeting. I would like to
7 talk about safety for just a moment. We are continuing to
8 prepare ourselves for the increase in the amount of
9 construction activity and deconstruction activity that will
10 be taking place at the site. We have had three different,
11 in the last six months or so, three different safety
12 assessments, if you will and what we have found through
13 those assessments is that there is not a soul working at
14 Fernald who is not interested in work safety and that is
15 good news. Where the challenge to us is making sure that
16 everybody has all of the information that they need on how
17 to work safely and that they have the right planning
18 process and that they are an ownership of and that they
19 have all the right tools and equipment in order to perform
20 safely. We are making very good process in doing that and
21 our communication with all of our work groups is getting
22 much better and I am very optimistic that within the next
23 few months that we will have all of the tools in place, all
24 of the training so that as we go through the next phases of
25 the take down at the site, that safety will be there and

1 available for everyone.

2 Just as an update on safety, our construction
3 subcontractors are now in excess of four years without a
4 lost time accident and that represents more than 2 million
5 man hours without a lost time accident. It is quite a good
6 record and our hats are off to our subcontractors for that.

7 Second thing I wanted to just briefly touch on and
8 Gary talked about it a little bit and he mentioned that
9 current planning shows that we are going to be looking at
10 a relatively stable work force in the immediate future and
11 let me just talk a little bit about what is happening there
12 and it also ties into what we are doing in safe shutdown.
13 Johnny mentioned that we finished safe shutdown in Plant 5,
14 in fact, we did that ahead of schedule by a pretty good
15 amount. Six months ago, we affected at reorganization of
16 our company here at the site to focus now on projects and
17 in the process of doing that we have been able to, far more
18 accurately, devote the right skills and the right skill
19 mixes to the projects that are ongoing. In effect, we've
20 gotten far more productive, we've gotten far more efficient
21 and that is why we are seeing now, in a lot of these areas,
22 we are ending up ahead of schedule which means we are also
23 under budget. We are going to continue to work on that.
24 We have had a quite a bit of success in integrating our own
25 work force with the subcontractor operation, the Perma-Fix

1 project is a good example, the Terra-Kleen project that we
2 just cut the ribbon on today is another opportunity to do
3 the very same thing. The real value there of course is our
4 people our very skilled and well trained and they know the
5 site and they know each other and they know the processes
6 and procedures and we are looking always for a most
7 efficient way to integrate work forces so that we are as
8 safe and as efficient as we possibly can be.

9 The new ARASA contract, we are now evaluating the
10 bid and also employs that same concept of integrating our
11 work forces with the contractor or subcontractor work
12 force. Those are the two areas that I just wanted to share
13 with you and to bring you up to speed on and I look forward
14 at the next meeting to telling you that we have even
15 achieved greater safety heights and greater efficiency
16 heights as we go forward with the clean up. Thank you.

17 MR. STEGNER: Thank you John. We will move
18 along into the agenda now. Now it is time for comments
19 from the regulators and stakeholder groups and we will
20 begin with U.S. EPA and Jim Saric. Jim?

21 MR. SARIC: Well, I think if you think about
22 some of the things that you may have read in the newspapers
23 or on television regarding some of the problems with the
24 pilot plan and silos project and if you look and see the
25 findings from the JO report and the recommendations or some

1 of the things that you hear about budgetary and
2 uncertainties and budget cuts, it is pretty easy for
3 someone to say we're thankful this project is coming to a
4 standstill and not much is getting done but I think as
5 Johnny got up and showed you, that is not true there at
6 all. There are a lot of projects that are still continuing
7 to move on and certainly on the Thorium, shipments are
8 really significant and all of the safe shutdown of a
9 projects, you have all of the rail upgrades and things that
10 are going on at OU1, you know the disposal cell is becoming
11 under construction. We are still pumping the ground water
12 and containing the -- working on improvements there so
13 there are a lot of things going on. I think we certainly
14 have some problems. You know, it took us a long time to
15 meet or come up with decisions that are made and where do
16 we go from there and as far as looking at our IFS documents
17 and figure out what was going to be done and I think when
18 it comes down to actually implementing or finding out that
19 we are also having some problem as far as doing
20 implementation I think there are going to be obstacles any
21 time you've got a project that is maybe as complex and as
22 large as this nature, we're going to continue to see those
23 in the future so I think it is very important that everyone
24 can stay involved and in connection with what is going on
25 because I think there are going to be many key decisions

1 that are going to be coming up in the future that may
2 affect everyone here. You may have heard about a dispute
3 that we currently have ongoing regarding the silos project.
4 We are going to meet tomorrow again with DOE and talk about
5 that. We're trying to resolve this thing by the middle of
6 May but I cannot guarantee that is going to happen or not.
7 We are making a lot of progress and moving on and I can
8 assure you there will be several public meetings regarding
9 the pathforward and we are going to come to a pathforward
10 on this and there will be various decision documents that
11 will get produced which will give you an opportunity for
12 public comment to go on those so wherever it gets developed
13 so I guess, stay tuned in that regard and you know, again,
14 be assured that there are things happening and ongoing and
15 we're working very hard with DOE and my counterparts at the
16 Ohio EPA trying to keep this project on track the best we
17 can and if you have any questions afterwards, I will be
18 glad to answer them or you can feel free to contact me at
19 my office. Thanks.

20 MR. STEGNER: There is a change in your program
21 and we have Graham Mitchell from OEPA.

22 MR. MITCHELL: Thank you. Tom Schneider is on
23 travel and Laura Hafer whom you have been dealing with is
24 on maternity leave so tonight you get me back. I pretty
25 much would like to ditto what Jim Saric just said and I

1 think that we have some problems associated with the site
2 and I think that could be expected and especially when you
3 look at the complexities of something like Unit 4 and we
4 know we have problems with that and I think we will get
5 through those and I don't know exactly what the solution is
6 but whatever the solution is as Jim says, we will deal with
7 it openly and with all public involvement. One thing that
8 I was real pleased to see again tonight is all of the
9 progress that has occurred at the site. As Jim says. And
10 another thing that was good for me to come tonight is that
11 my staff gives me regular updates on the Fernald project so
12 I am always hearing bits and pieces and sitting here
13 tonight and seeing of all the projects that are going on
14 and hearing all the things that are happening, it really
15 put back into perspective the perplexity of doing this
16 site. All the different projects. There are literally
17 scores of projects within each operable unit ongoing right
18 now and it looks to me that we are on track on most of
19 those but we do have some serious problems that we will
20 have to work through.

21 Ohio remains committed to this process, obviously
22 and we will not give up now. I think you are going,
23 actually real well in a lot of areas. We are committed to
24 working with the public and we will continue to have
25 meetings, participate in public meetings and we are here

1 tonight to answer your questions. Kelly Galatsky is here
2 with the Ohio EPA, Jim Gully is here with the Ohio
3 Department of Health and earlier Alan Frederick was here
4 with Ohio and I don't think -- is there anyone else from
5 Ohio here tonight? Kelly, do you want to raise your hand
6 and Jim, do you want to raise your hand? That is the
7 contingent from Ohio tonight and as I said we are committed
8 to work on the site and continue to work with you, thank
9 you.

10 MR. STEGNER: Thank you Graham. Next is the
11 chair of the citizens task force, John Applegate. John?

12 MR. APPLGATE: Thank you Gary. Good evening. I
13 thought I would just update you on some of the issues, the
14 main one that the task force has been working on recently.
15 A few weeks ago we had one of our regular monthly meetings
16 and a topic of it was Operable Unit 4 and the difficulties
17 with vitrication and the possibility of using other
18 technology to treat those wastes. The task force has been
19 involved in that issue for several months and our initial
20 role I guess was to try and ask the right questions and all
21 of the questions and press for the necessary information to
22 make these kinds of decisions. We are very concerned that
23 any decision to move away from vitrification which is the
24 currently required technology not be made hastily or
25 without knowing all of the consequences. In our last

1 meeting, we had a number of recommendations about the
2 technologies to be used and I will just kind of summarize
3 them. The first one was that silos 1 and 2, the K65 silo
4 ought to be treated separately, that is considered
5 separately from silo 3, the cold metal oxides. We also
6 recognized explicitly that vitrification is still the
7 required primary technology to be used especially with
8 silos 1 and 2 but we also recognize that there is some
9 serious problems with that technology and some real
10 difficulties to be overcome there and so what we suggested
11 as the path forward is to do, I think the term we kept using
12 was a real side-by-side comparison of the vitrification
13 technology and the other solidification techniques that may
14 be available so that this decision can be made with full
15 understanding of the consequences of each one. I think for
16 us, the future really holds doing that side-by-side
17 comparison and pressing for the full information that will
18 be needed for obviously we're going to be very interested
19 in the IRT report, the independent review team report that
20 Jack mentioned and we are, I guess co-sponsoring the
21 workshop on May 14 that is going to be talking about silo
22 3.

23 On other topics, one subject, one area that we area
24 that we are going to be moving into is the cost and
25 schedule. Part of the department's ten-year planning

1 process involves an evaluation on schedules. Fernald
2 obviously has accelerated the plan and there have been a
3 few changes in that. The department also sees substantial
4 efficiency gains and we are going to be looking for ways we
5 might help move that process along so that increasingly
6 money is spent on remediation rather than other non-
7 remedial expenses. Transportation was an issue that Johnny
8 talked about. We have been looking at both the local
9 safety issues and the various options for transporting
10 materials out of here in particular one of the drawbacks of
11 shipping to the Nevada test site is that currently it has
12 to be done by truck, which is both risky and very expensive
13 because you have to have, to use a lot of trucks because
14 they don't hold so much and we have been very interested in
15 some internodal options, that is using rail part of the way
16 and taking advantage of the unit trains that will be going
17 out of here in the very elaborate rail infrastructure that
18 we are building and then at some point between here and the
19 test site shipping, transferring them to trucks and there
20 are some promising leads there that we will be following
21 that. Another issue is a recycle. Recycling is obviously
22 a way or can be a way to reduce costs, that is make more
23 money available for clean up. It also has the advantage of
24 reducing the size of the onsite disposal facility which
25 would be very attractive as well. So, we are working with

1 the department and working on that area. The last thing
2 that I would mention is that at our last meeting we were
3 fortunate in having assistant secretary Alm join the task
4 force and meeting with our discussion of OU4. One of the
5 things that he said in the course of that meeting was, and
6 I think I have the words right, that the ten-year plan that
7 is for the whole department means nothing if Fernald does
8 not meet its objectives. That is that if Fernald can't do
9 it, no one can and I would like to take that as a sign of
10 support for continuing the accelerated plan and I hope we
11 will all do our best to hold the assistant secretary's feet
12 to the fire on that commitment. That is all I have, thank
13 you.

14 MR. STEGNER: Thank you John. The newest member
15 of our public involvement family is the Fernald community
16 re-use organization chairman which is chaired by David
17 McWilliams, superintendent of schools in Ross. David?

18 MR. MCWILLIAMS: Thanks Gary. I want to thank
19 you all for being here and thank you for giving me an
20 opportunity to give you an update on what the crowd is doing
21 and where we are moving. I am also pleased to follow John
22 because I think the tone and this example that has been set
23 by the task force is also serving as a model for us as we
24 move forward and begin to establish ourselves as an entity
25 and service to this project. At this point we have been

1 meeting since September. We have completed the writing or
2 pathforward which includes our mission statement, vision
3 statement, a series of objectives and strategies which help
4 to define what we think we're going to be about and we will
5 try to be of service to the community. We are beginning to
6 establish a committee structure within which we will
7 operate. Some of those committees will include the reuse
8 of equipment and materials from site, the reuse of land on
9 site, worker transition issues, economic development
10 issues, evaluation administration and monitoring of our own
11 progress and communications activities. Those committees
12 will ultimately be open to members of the community to
13 serve on those. If any of those capture your fancy, you
14 might want to drop your name and address down and send that
15 to my attention to our post office box, which is P.O. Box
16 38, Ross, Ohio, 45061. I am pleased to announce that as of
17 April 11, we are now officially an incorporated entity and
18 we will be able to stand independent in that regard. We
19 are also in the processing of securing our tax exempt
20 status through 501C3. We will also, I believe the end of
21 this month meet with the department to receive our check
22 for our start up which will then enable us to put out our
23 SP for consulting to serve as an executive director and
24 help us move forward with that phase of our project and get
25 our offices established and we will begin to move forward.

1 in earnest. So, we are looking forward to that. We think
2 we have made some good progress but there's a lot of work
3 to be done. Our meetings are the first Tuesday of every
4 month. We meet at Ross High School at this point beginning
5 at 7 p.m. and those meetings are all open and we invite you
6 to come and be active with us in the process. Thank you.

7 MR. STEGNER: Thanks a lot Mack. Next is FRESH
8 president Lisa Crawford.

9 MS. CRAWFORD: I'm not coming up there.

10 MR. STEGNER: That's fine.

11 MS. CRAWFORD: We just have a couple of things.

12 The OU4 pathforward where we are heavily looking forward to
13 the IRT report and the minute it comes we want to make sure
14 that we have a copy of that. The other thing, one of the
15 things that we have been asking about and have not seen and
16 would like for you to check on for us is the report that
17 you see is working on, the melter and glass issue. They
18 apparently have a contract to work on some of that and we
19 would like for somebody to see if that is done yet. Before
20 we move to the pathforward for OU4, we need to make sure we
21 have that information so when we sit down and begin to move
22 that way, we have everything we need to go into that
23 direction.

24 The ten-year plan, we need, I know we are having a
25 meeting next week, but I also understand that it is not

1 done and we are not going to have it next week but we need
2 to have better communication from headquarters down to
3 everyday average normal folks and more involvement from the
4 bottom up to -- we will not tolerate a decided defend mode
5 and I think we have made that pretty clear and we are
6 continuing to stand on that. John said something about
7 holding their feet to the fire and I say we are going to
8 hold their asses to the fire and we need to really begin to
9 look at this local versus national issues and I feel like
10 that you, DOE, whether it is the field office or site or
11 headquarters or whatever, it has not been explained very
12 well in this community about the Fernald ten-year plan
13 versus the headquarters ten-year plan versus the field
14 offices vision plan and there is major confusion on that
15 and I was hopeful that next week's ten-year -- and you've
16 all got to quit using the word ten-year plan, it's not
17 going to be ten years and we need to talk about that. We
18 need to start using the word accelerated plan because I
19 think ten years is a misnomer at this point in time.

20 The third issue is the communication and public
21 participation issue. We had a meeting about that three or
22 four weeks ago and we need to make sure that we are
23 continuing that process and getting front involvement and
24 working from the beginning to the end of this, not stopping
25 in the middle anywhere.

1 The 3161 draft report that is going to go out today
2 or tomorrow or whenever, I think I have looked at it and
3 commented on it and we're going to give a lot of my folks
4 a copy of it at the end of the week too. I think we need
5 to really spell out very very clearly, how do I say that,
6 that it, as you says, Gary, it does not affect the Fernald
7 -- I've gotten about probably eight phone calls in the last
8 week about this and I think the workers are hearing rumors
9 and there is a lot of talk about it. I have had a lot of
10 requests for copies of it. I don't have a big copy machine
11 so I'm not able to make those kinds of copies. So I really
12 encourage to make sure that as many copies as are needed
13 are put out for the work force tomorrow and make sure we
14 spell this out really carefully. This is mainly for the
15 mount facility. You know, when you sit down and read it, it
16 looks like its for Mount and for Fernald and there could be
17 some big confusion over that. I don't know how many people
18 in this room remember that horrible meeting that we held
19 right in this very room a year or two years ago that got
20 quite volatile and quite nasty and I think we need to make
21 sure that we don't have to have that again.

22 The other thing is the recycling report and a lot of
23 us sat down with Pete Gerasi and some of the other folks
24 and did some homework and went to a class and we have heard
25 absolutely nothing on the recycling report and I think that

1 is something else we need to be kept apprised of and
2 updated on. I think that was it. We have questions but
3 we'll wait until after question session. Thank you.

4 MR. STEGNER: Thanks Lisa and as far as the work
5 force restructuring, we cannot emphasize too much this is
6 a draft report. Nothing is eminent at Fernald as far as
7 work force restructuring, yeah, you are right, there will
8 be about 2000 copies issues tomorrow to the entire work
9 force.

10 MS. CRAWFORD: You may want to -- I would
11 encourage you guys, I'm not a worker there but I talk to a
12 lot of people who work there and I would really encourage
13 you all to have somebody sitting in a room somewhere where
14 people can come in and --

15 MR. STEGNER: We're going to do that Lisa.

16 MS. CRAWFORD: I think that might --

17 MR. STEGNER: Yeah, we're going to do that.
18 Floor has a round table and they have staff meetings and
19 DOE and Glen and I are going to be attending those. It is
20 a much friendlier forum and you know, if you see a large
21 meeting in a place like this to do it so we will be
22 soliciting input and answering questions and you know in a
23 much more intimate surrounding and much more conducive to
24 give and take discussion and we will be doing that as soon
25 as we can get that process set up. Probably starting next

1 week or the week after.

2 MS. CRAWFORD: We need to make sure that members
3 of the task force and members of the -- also get copies of
4 that. What is your final date for comments?

5 MR. STEGNER: We will. It's in the letter.
6 Lisa, I just don't remember what --

7 UNIDENTIFIED LADY: May 15.

8 MR. STEGNER: May 15, so we're about to find
9 that out.

10 Now, we are at the point where we invite questions,
11 comments from anyone here in attendance directed toward DOE
12 contractors or anyone that you might want to direct them
13 toward. The microphone is here and they're open and
14 available.

15 MS. DUNN: I'm not going to use the mic either.

16 MR. STEGNER: You don't have to Pam.

17 MS. DUNN: I have quite a few questions and I
18 don't expect like elaborate responses. If it's going to
19 require like a five or ten minute response, call me up. I
20 don't want to be here till 10:00 tonight you know, or fax
21 it to me. I don't know where to start actually. You were
22 talking about the army corp or engineers that were
23 reviewing the baseline of OU4, they are doing costs and
24 design, is that what you said?

25 MR. REISING: Not really design. They are

1 looking at the feasibility of vitrification and other
2 technology that have been demonstrated at other sites.

3 MS. DUNN: Do they have accountants and finance
4 people if they are doing costs and analysis? I mean, I'm
5 sorry, I don't associate accounting and finance expertise
6 for engineers.

7 MR. REISING: I don't know the specific
8 expertise they have on the team but we can get that
9 information for you.

10 MS. DUNN: You are talking about the change from
11 operable units to the project, base unit, what's the method
12 of process going to be to track budget and cost with this
13 change or is it cost and budget still going to be tracked
14 with operable units? How are you going to have a
15 consistent manner to do an analytical comparison of your
16 budget and costs?

17 MR. REISING: We recently completed a phase 2 CP
18 and baseline and we intend to use that to go to the project
19 station but with our process, as you know, we have the B&R,
20 we've got the ABS all the way down to the charge number.
21 We are able to retain at the charge number that historical
22 perspective and we are doing here, even though we may
23 change at a higher level, the ABS and we will have these
24 costs historically work for us at the charge level so we
25 can rule that out and still look at the costs as it varies

1 throughout.

2 MS. DUNN: You're not going to lose the historical

3 --

4 MR. REISING: No, we are maintaining the
5 information at the charge number level.

6 MS. DUNN: Part of the DAO report, you kind of
7 touched on this a little bit and also dealt with the
8 contract and reform issue and Gary, I think I did get
9 copies of the GAO report on that but there is mention about
10 the Department of Energy itself having some kind of a
11 process or policy on contract reform and how they plan to
12 go about that. What is the status of that? Where is that
13 and if there is a draft, can we see it?

14 MR. CRAIG: Yes, there is a draft policy and we can
15 get you a copy. It was a team of the head corp people that
16 developed the policy and we have that and we can get a copy
17 for you.

18 MS. DUNN: We talked about you found a hot spot up
19 on the soil footprint and I am just kind of curious what
20 the task force dealing with the environmental monitoring,
21 what is the status on the monitoring report for these
22 projects? We still haven't gotten anything on that and how
23 long is that hot spot open to the elements for potential
24 migration and what kind of monitoring is done on that?

25 MR. REISING: Well, the hot spot is something

1 that we discovered at the intersection of Willey Road and
2 old north entrance road and we have checked with others and
3 we don't know how it got there or how it manifested itself.
4 How long it's been there and it was through the soil
5 certification process that it was actually discovered and
6 we went in and excised it and cleaned it up. It's back
7 down to the final remediation level at this point in time.
8 I have no idea Pam how long it's been there.

9 MS. DUNN: It was not exposed when you stripped
10 off the top soil? I mean my interpretation was when you
11 stripped off that six inches of top soil it was exposed.

12 MR. REISING: In that area the first six inches
13 of top soil was not taken off because we did not anticipate
14 any hot spots or depositions above the final mediation
15 level.

16 MS. DUNN: That is not where you took the top soil
17 and it like just laying there?

18 MR. REISING: That is right.

19 MS. DUNN: What is the status on the environmental
20 monitoring plan or project? I mean, each of the projects
21 were supposed to develop the environmental monitoring,
22 correct? They feed into the -- I mean, where are they,
23 what has happened to those?

24 UNIDENTIFIED MAN: What we're doing Pam is
25 instead of each project having the individual environment,

1 we have what we call integrated environmental monitoring
2 plan which basically looks at the monitoring obligation for
3 all media across all sites and all projects. That is one
4 plan and as Johnny said we just submitted a draft in the
5 final to U.S. EPA and the Ohio EPA and we could sit down
6 and talk about what's in that plan and I think some of our
7 past meetings we have talked about that plan and we've been
8 working pretty closely with the EPA.

9 MS. DUNN: There was discussion about, with each
10 project, what was going to be necessary if you excavate
11 soil and given what is necessary for the silo versus the
12 waste pit.

13 UNIDENTIFIED MAN: Now you're talking about a
14 little different environmental project. There is
15 monitoring -- there was environmental monitoring projects
16 like across the site at air and looking at fugitive dust
17 and admissions through direct missions from the site with
18 potential implication from the public. There is also, as
19 part of each individual project or operable unit there are
20 some characterization programs, there is certain, there are
21 some measurements that are collected during that project,
22 for example during the excavation project there would be
23 some measurements done. We are not looking at really
24 environmental monitoring, it is supporting the ongoing
25 operation. For example, I think that vitrification and

1 also looking at radon sampling associated with the
2 production of operations but actual environmental
3 monitoring program is integrated into the one plan. And it
4 does tailor, it does mention those other samples being
5 done. Those are basically process control or control
6 sampling for verifying and actually conducting remedial
7 action.

8 MS. DUNN: So it would be better if we wanted
9 information on that to say remediation process of
10 environmental monitoring?

11 UNIDENTIFIED MAN: I think so.

12 MR. REISING: I need to correct myself, when I
13 was talking about the hot spot a while ago, I think I said
14 the intersection of Willey Road, that is not it. It was
15 126 and the old original access road.

16 MS. DUNN: Oh, it's the old road, not the one that
17 --

18 MR. REISING: The original old road.

19 MS. DUNN: But how close to the road was it?

20 MR. CARR: Twenty feet.

21 MS. CRAWFORD: Do you think somebody built
22 something and left it there?

23 MR. CARR: I have no idea how it got there. It
24 was there at the program -- it was part of the program to
25 find these things and remove them. I don't know how it was

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there. I don't think I would expect to see more isolated
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MS. CRAWFORD: It is basically -- it is now gone?

MR. CARR: That's correct.

MR. STEGNER: We'll come back to that, anybody
else have any questions?

MS. CRAWFORD: I guess I'm a little confused and
maybe you feel like you did this when Jack talked, I feel
like we have totally skimmed over OU4 as Johnny went
through your presentation and I know that we, you know, we
are working on a pathforward and all that, but there is
something that happened at the OU4 that you could tell us
about, right? I mean that may not be all good things, but
I really would like for you not to skip OU next time. We
know there are problems and we are working on those
problems and looking at a pathforward, but you know, it
might be good to go ahead -- you know, I was looking
through and going what happened to OU4?

MR. REISING: There was no intent to skip OU4 to
be honest with you Lisa and we'll make sure I have slides
that I can put together for you.

MS. CRAWFORD: I think it is confusing when we
skip things because a lot has happened since we were here
last September, quite a bit has happened actually and I
think we need to make sure we keep that continuity going.

1 MS. YOCUM: Concerning the checks and vacancy
2 system, since I don't feel whether this design of the
3 disposal cell on the everyday basis, I sort of need to be
4 brought up to date and Johnny you mentioned something that
5 it was going to be, the line was going to go under the
6 disposal cell?

7 MR. REISING: The onsite disposal facility
8 itself has a Leachate collection system which is designed
9 within the bottom of the catch. Anything that migrates
10 through, that is the Leachate collection system and in this
11 process or this project takes that material and then
12 conveys it from a central point to the advance water
13 treatment facility so it used to any -- Leachate that would
14 collect under the onsite disposal facility it would then
15 convey it to the AWW for transfer.

16 MS. YOCUM: How would it convey it?

17 MR. REISING: It would be pumped.

18 MS. YOCUM: Okay, thank you.

19 MR. STEGNER: We have about five or ten more
20 minutes if anybody has any more questions. We are
21 definitely willing to stay here and answer your questions
22 off line following the meeting which has been our custom.

23 MR. STEVINS: Thank you Gary, my name is Larry
24 Stevins and I consider myself a stakeholder. I am a
25 technology development team coach and I work on the site

1 and my job is to manage OST fund, that is Office Signs of
2 Technology Project site and I also live within a two mile
3 radius of Fernald and have been living there for 11 years.
4 I wanted to comment on the TDI proposal, the 50 million
5 dollars that is being, the opportunity, the sites around
6 the country have. I wanted to talk a little bit about the
7 Fernald model for technology as I have seen it evolve over
8 the past four and a half years. I have primarily worked on
9 the technology programs area on the site and we have
10 evolved to a point where we want to do technology for
11 mediation. We want to demonstrate technology that will
12 improve your remediation at Fernald and I think we have a
13 very successful model in the enhanced ground water
14 remediation project that Johnny talked about, the injection
15 wells which are being installed on site. That project
16 brought 4 million dollars to the site to look at, if we
17 could find a better way to do the Aquafur mediation and I
18 would like to thank Rod Jenke, the DOE manager for the Aqua
19 restoration and Dennis Carr for letting us take a look at
20 that and letting us have the opportunity to bring that
21 money to Fernald. Buzz, Fernald clearly has a good history
22 of deploying technologies for remediation or demonstrating
23 it for remediation and in discussing that, we think that or
24 I think as a stakeholder that having working in technology
25 for four and a half years that this technology deployment

1 is the best thing that I have seen the office of technology
2 come up with. It is based on our real needs and it is
3 based on doing technology to actually complete remediation
4 and employing it, not demonstrating it any longer but using
5 the technology that is out there to do the remediation
6 better so as a stakeholder, although somewhat biased, I
7 would like to just convey the thought that I would like to
8 see the site go after and win all we can in this technology
9 deployment issue.

10 MR. STEGNER: Thank you Larry and I think it is
11 appropriate to say that the site technology coordination
12 group has been a great help to us and that includes
13 stakeholders and regulators including FRESH and citizens
14 task force and Ohio EPA. All right, any more questions or
15 comments? Pam?

16 MS. DUNN: Very quickly, what is the status --
17 there was an effort to declare the completed uranium as
18 weight, where is that? I mean, did that even happen, I
19 mean, are they still saying no it is of use to somebody?

20 UNIDENTIFIED MAN: We have not taken any steps
21 to defer this waste yet. We are in fact looking that as a
22 possibility. There continue to be little bites and nibbles
23 from different programs within the DOE and the daily
24 complex for potential uses. Part of the technology in
25 deployment initially for example was more there is another

1 site that is saying if in fact other DOE sites could send
2 them their depleted uranium, they could use that --
3 shipping constant and another type for use in the nuclear
4 -- that has happened several times before. I hope that
5 this is successful but so far within that try and that
6 regard -- so unfortunately we are not finding much
7 commercial -- nobody wants the stuff right now. We are
8 having trouble finding a home for it but sooner or later if
9 we don't have a home for it we may have to declare it a
10 waste.

11 MS. DUNN: Can you do that or headquarters have to
12 make that final decision?

13 UNIDENTIFIED MAN: They are involved in the
14 decision, I'm not exactly sure how that decision would be
15 reached. I could find that out for you.

16 MS. DUNN: You talked about the run off in the
17 parking lot. Now, I just want clarification. Did you say
18 that it is not going to the AWWT, it's going to the storm
19 water retention basin or did you say it was going straight
20 to Patty's Run?

21 MR. REISING: Previously it went to the storm
22 water retention basin and would have been treated through
23 the AWWT. The fact that it does not need to go into there
24 we are diverting it from there and putting it into via
25 Patty's Run to give us more capacity in the storm water

1 retention basins for those areas such as the footprint of
2 the onsite disposal facility and now we are going to have
3 to capture that run off.

4 MS. DUNN: Is the monitoring going to be increased
5 to that point where this, onto Patty's Run? (Inaudible)
6 For some reason, is that run off either -- bring it down or
7 go into something or you don't see how there is enough
8 contamination level in the parking lot at all?

9 MR. REISING: I think the records show that if
10 that is the case and there is not this level -- as you
11 noticed with the site preparation OU1 and the onsite
12 facility any area that we pick up top soil from that
13 material has to be monitored and captured to affective
14 areas would not be allowed to run off site, that would be
15 captured.

16 MS. YOCUM: I have a question. What specifies what
17 is contaminated or not? I mean you have your gasolines,
18 your oil, your winter, you know, the salt that you use for
19 the winter time, solvent from antifreeze dripping from your
20 car, there comes a rain and it's going to be washed into
21 the Patty's Run. Now, you don't have any control over that
22 or you are not taking any control over that?

23 MR. REISING: The decision there is basically to
24 try and get the capacity that we need for those areas that
25 are going to be -- as far as going on. The continued

1 concern tends to be what we have on site. Now again, you
2 will have certain levels of those types of contamination
3 that you ought to use that term but our sampling will show
4 that it is within the standards for current and audible.

5 MS. YOCUM: Into a small creek bed?

6 MR. CARR: We have a couple of examples with the
7 run off. We did look at oil and grease and some of the
8 salts, you know, and there was insignificant loading to the
9 creek bed and we do need the capacity to support the
10 construction outside the disposal so the decision was made
11 to transfer the capacity to level more definitive which was
12 higher concentration coming out of the disposal facility
13 and one phase of disposal.

14 MS. YOCUM: Is there any possibility that we'll be
15 from all of the concentration work and the traffic going
16 back and forth from the, going to and from the parking lot
17 also?

18 MR. CARR: The issue was fugitive dust and we have
19 been working real close. There is a relatively -- we are
20 trying to work with both agencies trying to develop some
21 responsible visible dust policies for all excavation on
22 site and I think the answer to your question is there is a
23 possibility that there will be some dust coming off the
24 excavation and the answer is yes and at that point in time
25 do we apply mitigating measures of some type of water and

1 some type of calculation that you put on the open cut area.
2 We are trying to work through that and develop what is best
3 demonstrated technology and application. We are trying to
4 work closely with the agency and right now as I said,
5 probably a month or a month and a half away before coming
6 to some rational agreement there and being forward in
7 talking to you all on that but the bottom line is we're all
8 focusing trying to keep visible site and we have tried to
9 do that. Phase 1 which is the footprint of the cell and/or
10 monitoring data shows it is pretty successful and of course
11 it has been through, a lot. We have moved from time to
12 time -- as far as sampling in Patty's Run there has been
13 sampling of Patty's Run and as part of the onsite there is
14 (inaudible) which is going to be received for portions
15 which will be receiving parking lots and water and
16 expanding our surface water samples to different ones of
17 Patty's Run further up to the waste point area. That is
18 part of the state of Ohio waste water and there is also a
19 company which deals with storm water sampling and we are
20 expanding that from water sampling as part of the
21 integrated monitoring submitted to the agency.

22 MR. STEGNER: We've got time for one more
23 question, Pam?

24 UNIDENTIFIED MAN: We've got time for more than
25 one more question.

1 MR. STEGNER: Well, anybody that wants to leave
2 after this question, we will stick around as long as it
3 takes to answer these questions.

4 MS. DUNN: You talked about the change in filter
5 for the AWWT and allows you to push more water through it.
6 Is the amount of contaminant still the same as it was --

7 MR. REISING: Actually we're trying to improve
8 contaminant removal efficiency and as part of the decision
9 we have a commitment to try to meet 20 (indicating). One
10 of the reasons that we have replaced these filters, we have
11 a multi tube filter to a multimedia filter to improve our
12 efficiency. The bottom line is I think that is what it has
13 been doing and right now they're on line and they are
14 operating well. We have an increased flow rate and right
15 now we have probably the most consistent quality that we
16 have had to date, so it is really working for us.

17 MS. DUNN: You all should have said that the
18 contaminant removal was efficiency, not the flow of the
19 water.

20 UNIDENTIFIED MAN: We'll be glad to answer any
21 questions you might have off line but right now, I want to
22 thank you all for coming and please drive carefully on your
23 way home.

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DOE meeting concluded at 9:00 p.m.

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