

Hanford Natural Resource Trustee Council Meeting  
 Draft Agenda  
 April 13 and 14, 1995

8:30 - 9:00 Refreshments and Welcome  
 9:00 - 9:45 Charter/Attorney Conference Call, Discussion, Geoff Tallent  
 9:45 - 10:15 Remediation Costs, Discussion, Geoff Tallent, John Carleton  
 10:15 - 10:30 Break  
 10:30 - 10:35 Report on Columbia Basin Reclamation HEP Project, Discussion,  
 Liz Block  
 10:35 - 11:05 Presentation on Horn Rapids Landfill Cap and Habitat Considerations,  
 Discussion, Callie Ridolfi  
 11:05 - 11:20 Report on EA Mitigation Language Relating to 240 Access Road,  
 Discussion, Mike Bauer  
 11:20 - 11:30 Report on Site Technology Coordination Group Meeting, Discussion, Jay  
 McConnaughey  
 11:30 - 11:40 Report on PNL Meeting Regarding ALE Projects, Discussion,  
 Janet Ebaugh  
 11:40 - 11:50 Report on Surrogate Sites, Discussion, Janet Ebaugh, Liz Block  
 11:50 - 12:00 Update on Central Plateau Letter, Discussion, Bob Holt, Paul Kube  
 12:00 - 1:30 Lunch  
 1:30 - 2:00 1 RAD Per Day Criteria, Discussion, Liz Block  
 2:00 - 3:00 Native Plant Nursery and Seed Bank, Discussion, Dana Ward  
 3:00 - 3:15 Break  
 3:15 - 3:45 Report on Congressional Activity Regarding CERCLA and Hanford,  
 Discussion, Chris Burford  
 3:45 - 4:10 Report on HRA EIS, Discussion, Bob Holt, Paul Kube  
 4:10 - 4:20 MAP Update, Discussion,  
 4:20 - 4:30 Wrap up, Close

Friday, April 14, 1995

8:30 - 9:00 Refreshments and Welcome  
 9:00 - 10:00 Core Values, Discussion, Bob Holt, Paul Kube  
 10:00 - 10:30 Johnson Bill/Blush Report, Discussion, Liz Block  
 10:30 - 10:45 Break  
 10:45 - 11:00 Seed Collection for the Coming Season, Discussion, Jay McConnaughey  
 11:00 - 11:30 Status of North Slope, Discussion, Janet Ebaugh, Liz Block, Bob Holt  
 11:30 - 11:50 Report on Landfill Cap, Update on 100 Area Proposed Plan, Chromium  
 Update, Discussion, Larry Gadbois  
 11:50 - 12:15 May Agenda  
 12:15 - 12:30 Wrap Up, Close

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April 13, 1995  
Lowell, Idaho

Kristie Baptiste, Nez Perce Tribe  
Mike Bauer, Yakama Indian Nation  
Liz Block, U.S. Fish and Wildlife Department  
Chris Burford, Confederated Tribes of the Umatilla Indian Reservation  
John Carleton, Washington Department of Fish and Wildlife  
Dave Conrad, Nez Perce Tribe  
Rico Cruz, Nez Perce Tribe  
Janet Ebaugh, Confederated Tribes of the Umatilla Indian Reservation  
Larry Gadbois, U.S. Environmental Protection Agency  
Susan Coburn Hughs, State of Oregon Department of Energy  
Paul Kube, U.S. Department of Energy, Richland Operations Office  
Jay McConnaughey, Washington Department of Fish and Wildlife  
Callie Ridolfi, Ridolfi Engineers and Associates, Inc.  
J. Herman Reuben, Nez Perce Tribe  
Geoff Tallent, Washington State Department of Ecology  
Linda Goodey, Dames & Moore  
Dana Ward, U.S. Department of Energy, Richland Operations Office

#### WELCOME

Mr. Dave Conrad introduced Mr. J. Herman Reuben, Department of Environmental Restoration and Waste Management Cultural Specialist and Chairman of General Council for the Nez Perce Tribe. Mr. Reuben welcomed the Hanford Natural Resource Trustee Council (NRTC) to Nez Perce ceded lands. He said the area was rich in Nez Perce history; it is near the Nez Perce trail into Montana, now called the Lewis and Clark trail, 15 miles from elk country where he hunted with his family, and at the confluence of the Lochsa, Selway, and Clearwater Rivers near Selway Falls, an important salmon fishing area. Mr. Reuben, following Nez Perce custom, offered an invocation in the Nez Perce language to begin the meeting.

#### MEMORANDUM OF AGREEMENT (MOA), Geoff Tallent

Mr. Geoff Tallent reported on the Charter/MOA attorney conference call. In attendance were Ms. Tanya Barnett, Washington Attorney General's Office; Mr. Mike Bauer, Yakama Indian Nation; Mr. Andy Boyd, U.S. Environmental Protection Agency; Mr. Chris Burford, Confederated Tribes of the Umatilla Indian Reservation; Ms. Linda Goodey, Dames & Moore; Mr. Barry Stein, U.S. Department of the Interior; Mr. Geoff Tallent, Washington State Department of Ecology; and Mr. Patrick Willison, U.S. Department of Energy, Richland Operations Office. The group agreed to begin with a draft Memorandum of Agreement (MOA) prepared by Mr. Stein. They discussed and agreed on language acceptable to all organizations, which Mr. Tallent distributed to the Council for discussion.

Mr. Tallent pointed out to the Council some differences between the draft Charter and the MOA. The MOA doesn't define the laws and regulations under which the NRTC has authority. The MOA is generic and doesn't specify operating procedures or decision-making options, which can be included in by-laws agreed upon by the NRTC and changed when the NRTC deems necessary. The MOA doesn't include exploring NRDA options. Also, the sentence stating that the NRTC is more than an advisory group was deleted. The changes were discussed, and the NRTC agreed the changes were acceptable.

Issues and questions raised during the discussion included:

- ▶ Washington Department of Fish & Wildlife (WDFW) will be excluded unless the MOA specifies "applicable state and federal laws and regulations;" therefore, appropriate wording was added to include WDFW.
- ▶ It was decided to continue the effort to get the MOA approved and signed in order to legitimize the NRTC and encourage some delegation of authority on technical issues within the various NRTC organizations and agencies.
- ▶ The definition of the Hanford Site was revised.

**ACTION:** Mr. Geoff Tallent will make a redline/strikeout copy of the MOA and send it to the attorneys for their final approval. Then he will send copies to the NRTC organizations for signature.

#### REMEDIATION COSTS, John Carleton and Geoff Tallent

Mr. John Carleton and Mr. Geoff Tallent began the process of setting a rough estimate of possible remediation costs for the Horn Rapids Groundwater plume. They were able to confirm the size of the plume and confirm contamination with TCE. After discussions with the State and City of Richland they determined the following items:

- ▶ The water would be restricted for drinking water use until 2018, but it is currently usable for agricultural and industrial purposes. It should be noted that not all of the water will be restricted, some will be released as drinking water over time.
- ▶ The lost service would be drinking water availability lost over a period of time.
- ▶ Losses were only looked at regarding drinking water, not habitat or other criteria.

Mr. Carleton took a hypothetical situation and calculated compensation costs for \$1,000 of lost resource services, where no father injuries occurred. His assumptions included a 3% rate of social discount and 5% inflation. Assuming that \$1,000 worth of lost resource services occurred in 1995, the cost of not mitigating for the services would be \$20,115.30 in 2034.

In another hypothetical situation, Mr. Carleton calculated how compensation costs would increase for a hypothetical \$1,000 of lost resource services, where the lost services continue from year to year. His assumptions included a 3% rate of social discount and 5% inflation. Assuming that \$1,000 worth of lost resource services occurred in 1995, and continued, the cost of not mitigating would be \$259,056.52 in the year 2034.

**ACTION:** Mr. John Carleton and Mr. Geoff Tallent will present approximate remediation costs for the Groundwater plume at the May NRTC meeting.

**REPORT ON COLUMBIA BASIN RECLAMATION HEP PROJECT, Liz Block**  
Ms. Liz Block provided a table on the evaluation species used for the Columbia Basin Reclamation HEP Project. There were unanswered questions about the information, including the extent of the model particulars used and how much time it took to develop the models. Ms. Callie Ridolfi is going to check into the project to examine possible application of information or methods to the Hanford Site. Mr. Jay McConnaughey is going to find out which species the U.S. Army Corps of Engineers developed models for.

**ACTION:** Ms. Callie Ridolfi will examine the Columbia Basin Reclamation HEP Project for possible application of information or models to the Hanford Site.

**ACTION:** Mr. Jay McConnaughey will contact Ms. Kelly Burke to find out which species the U.S. Army Corps of Engineers have developed models for.

**PRESENTATION ON HORN RAPIDS LANDFILL CAP AND HABITAT CONSIDERATIONS, Callie Ridolfi**

Ms. Callie Ridolfi reported that the landfill cap being constructed. The 2-foot cap will minimize asbestos exposure to humans, animals, and shallow rooted plants. It won't; however, prevent deep rooted plants and burrowing animals from potentially reaching contamination. Harvester ants or burrowing squirrels or owls could bring contamination to the surface. There was some discussion regarding placement of a biobarrier or a cobble layer to prevent burrowing animals from reaching contamination.

The landfill has not been revegetated. Without some kind of revegetation, there could be a problem with wind erosion. Vegetation will improve the effectiveness and integrity of the cap. The Council might want to recommend the planting of sterile grasses in order to stabilize the area and provide soil nutrients until it is determined which native plants might be appropriate for the site.

The Council may wish to evaluate the landfill habitat using a HEP-type analysis. One way to proceed would be to select species appropriate to Horn Rapids Landfill or to the Hanford Site, select a control area or baseline to compare to the habitat that is left on the landfill, develop a habitat suitability index, develop key items, and compare the two habitats. Existing studies can be used to support this comparison. While the Horn Rapids Landfill may seem insignificant, this type of analysis might be used as a pilot for other projects.

Issues and questions raised during the discussion included:

- ▶ The question arose concerning the lack of Trustee involvement in the design process, because the design documents are scheduled to come out after construction is complete.
- ▶ If restoration can be incorporated into the remediation process, it could reduce cost and increase efficiency.

- ▶ Ms. Liz Block prepared a letter regarding restoration of the 1100 Area cleanup stating concerns, including: (1) information from a meeting with Trustees, DOE-RL, and U.S. Army Corps of Engineers (USACE) suggests that revegetation decisions are being made without consultation with the NRTC; (2) a restoration plan has not been developed; (3) it appears that planning for restoration of cleanup areas in addition to the Horn Rapids Landfill has not occurred; and (4) revegetation of the Horn Rapids Landfill cap would use generic rather than locally-derived seed.

It was agreed to place Ms. Block's letter as an item on the April 14 agenda.

**ACTION:** Mr. Larry Gadbois will confirm that the landfill cap, as constructed, is the required two feet deep, and he will report at the next NRTC meeting.

**REPORT ON EA MITIGATION LANGUAGE RELATING TO 240 ACCESS ROAD,  
Mike Bauer**

In the EA, there is mitigation language relating to the 240 Road. Under Section 2.0, it states that revegetation would be performed for resources lost during road building. The FONSI states, "DOE recognizes that shrub-steppe habitat is disappearing in other parts of eastern Washington and is working with the state and Indian tribes to formulate a habitat enhancement plan acceptable to all parties."

Issues and questions raised during the discussion included:

- ▶ The commitment to formulate a habitat enhancement plan is being fulfilled by the writing of the Mitigation Strategy.
- ▶ There was a meeting with DOE-RL on the 240 Road Access, it appears to some on the Council that nothing has happened since then.
- ▶ DOE-RL has committed to writing the Mitigation Strategy, but there has been no commitment to implement the strategy.

**ACTION:** Mr. Paul Kube will report on schedules of the Biological Resource Mitigation Strategy, the Biological Resources Management Plan, and the ECAMP.

**REPORT ON SITE TECHNOLOGY COORDINATION GROUP MEETING (STCG),  
Jay McConnaughey**

Mr. Jay McConnaughey attended a meeting of the STCG and he indicated that it would probably be positive if the NRTC provided a person to participate in the meetings. Rico Cruz is trying to get the STCG to form focus groups for revegetation, restoration, and remediation technologies.

Mr. McConnaughey will to attend the STCG as the NRTC representative.

## NATIVE PLANT NURSERY AND SEED BANK, Dana Ward

Mr. Dana Ward discussed budget cuts and options for establishing a native plant nursery and seed bank. He distributed a document outlining five options. He said the most viable option is to solicit a private, for-profit vendor.

Issues and questions raised during the discussion included:

- ▶ The USFWS has nurseries which could provide a valuable model.
- ▶ Money is an important factor, projects aren't dedicating money for restoration, only remediation.
- ▶ Are there any factors that would keep DOE from pursuing a private, native plant nursery?
- ▶ Mr. Ward indicated he would be DOE's point of contact for the Nursery project.
- ▶ Mr. Herman Rueben indicated that the tribes have worked with Hanford native plants for the EMSL project and have experience. He suggested that the Tribal nursery could be expanded into a site-wide project.
- ▶ If any Trustee has comments or ideas concerning the options described, contact Mr. Ward on 509-372-1261, or by fax on 509-373-6100.
- ▶ The Nez Perce tribe expressed concern about vendors collecting plants with religious significance to the tribes.
- ▶ Seeds will need to be collected beginning in early May to be available for fall planting this year.
- ▶ The NRTC is generally encouraged that DOE-RL is exploring the alternatives for a native plant nursery and seed bank, and will be available to assist in any way necessary.

**ACTION:** Mr. Dana Ward will update the Council concerning progress on the native plant nursery and seed bank at the next meeting.

## REPORT ON PACIFIC NORTHWEST LABORATORY (PNL) MEETING REGARDING ARID LAND ECOLOGY (ALE) PROJECTS, Janet Ebaugh

Ms. Janet Ebaugh and Mr. Jay McConnaughey met with Mr. Larry Cadwell (PNL) to discuss ALE projects. They visited ALE and expressed the following concerns:

- ▶ There are 3 Nike Sites, 2 are recovering, but the third is infested with cheat grass.
  - Something needs to be done to stop the weed infestation.
- ▶ The Horseshoe Landfill (.6 acre) is also a major concern.
  - Ms. Janelle Downs planted several hundred tubelings as part of her dissertation.
  - Genetic material of the tubelings she planted are 60% from Hanford, 30% from Yakima Firing Center, and 10% from the Wenatchee area.
  - She is removing native plants around her tubelings in order to study nutrient uptake.
  - Weed infestation is becoming a problem. Ms. Downs said she would control the weed infestation.
  - Why was planting allowed in an area that needs to be restored?

**ACTION:** Mr. Paul Kube will discuss the issues with Mr. Glenn Goldberg and set up a meeting with Mr. Goldberg, Ms. Janelle Downs, Ms. Janet Ebaugh, Mr. Jay McConnaughey, Mr. Paul Kube, and a PNL representative.

**STATUS OF NORTH SLOPE, Janet Ebaugh, Liz Block**

The Volunteer Day on March 25 was a success with 37 people participating. There is now a draft North Slope Restoration Plan. There was a meeting with DOE and U.S. Army Corps of Engineers (USACE) about what to do next. There was a tentative decision to use the money left to replant two large burn areas with sage tubelings.

Issues and questions raised during the discussion included:

- ▶ DOE feels it is important for the NRTC to agree that planting on the burn sites would be an acceptable alternative to restoring the 2 CERCLA sites that contain poor habitat value.
- ▶ USACE said it would cost about \$50 an hour to collect and store native seed.

**ACTION:** Ms. Liz Block, Mr. Jay McConnaughey, and Ms. Janet Ebaugh are preparing comments to the Draft North Slope Restoration Plan and will circulate their comments to other Trustees for review.

**ACTION:** Comments on the Draft North Slope Restoration Plan must be in by May 8.

**SEED COLLECTION FOR THE COMING SEASON, Jay McConnaughey**

Mr. Jake Jakobosky was unable to attend the meeting so he briefed Mr. McConnaughey on the status of collecting seed for the coming season. Mr. McConnaughey had a list of private seed growers, several expressing an interest in the possibility of collecting seed on the Hanford Site. Concern was expressed about how many seed varieties should be collected and the cost associated with collection and propagation; it might be advisable to initially concentrate on five or six plant species. There are many options regarding growing and collecting native seeds.

**UPDATE ON CENTRAL PLATEAU LETTER, Paul Kube**

Mr. Bob Holt is drafting a response to the NRTC Central Plateau Letter. In it he acknowledges the concern about shrub stepp habitat. He also discusses the Biological Mitigation Strategy. The letter is in the concurrence cycle at DOE-RL.

**HANFORD REMEDIAL ACTION - ENVIRONMENTAL IMPACT STATEMENT, Paul Kube**

The HRA EIS is not available yet. Trustees will be given a copy as soon as the document is available.

**FUTURE OF HANFORD NATURAL RESOURCE TRUSTEE COUNCIL, Chris Burford**

We have been acting as a Council for a year and a half, and we have had some success in that time. But we have a number of problems. There are a great number of activities onsite, even if we were only advising on remediation, we cannot handle all the work that we should

be doing. That is the fundamental condition we have been and are working with. We have had problems with recognition onsite. There has been a general misunderstanding of who we are, and what we are doing. The Hanford Advisory Board has a substantial budget, the Site Technology Coordination Group has sprung up and is functioning. Both groups had sponsors within DOE, at DOE Headquarters, and onsite. Someone felt those groups serve a need onsite. There are lessons in this. There are institutional problems within the Council. NRTC activities are taking place within a political context. It may be time to legitimize the Council onsite. The way to do that is with money. We need to hire a staff, clerical support and technical people who are degreed scientists and can talk at meetings for the Council. We are all currently working many other tasks and taking time from other activities to participate on the Council. It is time for growth.

Issues and questions raised during the discussion included:

- ▶ It was acknowledged that the timing is terrible for increased funding, the political situation is terrible, but it is appropriate for this Council to move forward at this time.
- ▶ DOE Headquarters has an NRDA Panel that is complex-wide. Paul Kube will explore the funding levels at other sites after the MOA is signed.
- ▶ There seem to be three problems: (1) getting money, (2) getting acceptance of the validity of our group, (3) setting priorities for how funds would be spent.

**ACTION:** Mr. Paul Kube will look into the funding mechanisms for Trustee Council groups on other DOE sites.

**ACTION:** Mr. Geoff Tallent will be the lead for a Priority Team, which includes Mr. Mike Bauer, Mr. Chris Burford, Mr. Jay McConnaughey, and Mr. Larry Gadbois and will discuss NRTC priorities at a conference call on May 4.

#### CHROMIUM STUDY, Chris Burford

There was discussion about the current Chromium Study and how the NRTC might respond.

**ACTION:** Mr. Chris Burford and Ms. Janet Ebaugh will put together a letter regarding the Chromium Study, with completion date in two weeks, and John Carleton will add an economics section. Mr. Burford will fax the letter to the NRTC with a completion date in three weeks. Mr. Rico Cruz will send Nez Perce, EPA, and Ecology comments to Chris for incorporation into the letter. If there is a need for a meeting, Mr. Larry Gadbois will set up the meeting.

The Confederated Tribes of the Umatilla Indian Reservation have put together a salmon restoration policy for the Columbia Basin. If anyone would like a copy, contact Mr. Chris Burford or Ms. Janet Ebaugh at 503-276-0105.

Mr. Carleton said there was a document available regarding a salmon economic study distributed by the U.S. Army Corps of Engineers North Pacific Division; the Columbia River and Tributaries Study CRT 73, dated January 1990, titled "A Study of Existence and

Sport Values for Doubling the Size of the Columbia River Basin Salmon and Steelhead Runs," and prepared by Darrel Olsen, Jack Richards, and R. Douglas Scott. If you would like a copy, contact the U.S. Army Corps of Engineers, Janice Sorenson, 503-326-6049, Portland, Oregon.

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Paul Kube, U.S. Department of Energy, Richland Operations Office  
Jay McConnaughey, Washington Department of Fish and Wildlife  
Callie Ridolfi, Ridolfi Engineers and Associates, Inc.  
J. Herman Reuben, Nez Perce Tribe  
Geoff Tallent, Washington State Department of Ecology

1 RAD PER DAY, Liz Block

Ms. Liz Block reviewed the information presented at the last meeting and determined that the 1 RAD per day criteria was too high and not protective of wildlife. She recommended the Council take action to draft and send a letter to DOE-RL which would contain a scientific review and recommendations.

**ACTION:** Ms. Liz Block will be the lead for the 1 RAD Team, with Mr. Dirk Dunning, Mr. Larry Gadbois, and possibly someone from the Umatilla Tribe. A letter will be drafted for review at the June meeting.

**SURROGATE SITES FOR THE ENVIRONMENTAL RESTORATION DISPOSAL FACILITY (ERDF), Janet Ebaugh, Liz Block**

There were several surrogate sites set aside to study habitat value in relation to the ERDF site. The surrogate sites were chosen after a study was done last August. Bechtel Hanford, Inc. (BHI) and PNL put together a preliminary report which has been issued as

Rev. 0.0. Ms. Ebaugh can get copies to anyone interested. Ms. Ebaugh has identified several problems:

- ▶ The document does not indicate an author.
- ▶ The sample was done at the wrong time of year and over a 4 month period.
- ▶ There is no indication of the type of understory in the surrogate sites.
- ▶ They only looked at shrub height and averaged that to identify comparable characteristics.
- ▶ The graphics in the document are confusing.
- ▶ There was no indication whether the vegetation was native or non-native species.

The concern is the document is available, the data and report are questionable. There is no confirmation that the sites are comparable. Ms. Ebaugh is working with Mr. Fred Roeck and Mr. Steve Weiss.

**ACTION:** Ms. Janet Ebaugh will provide comments to the preliminary report Rev 0.0, prepared by BHI and PNL regarding surrogate sites.

#### ENVIRONMENTAL RESTORATION DISPOSAL FACILITY (ERDF) MITIGATION ACTION PLAN (MAP) UPDATE, Paul Kube

There was a meeting on Monday with Mr. Lou Pamplin regarding the MAP. Ms. Liz Block stated that Mr. Pamplin brought comments to the document the NRTC provided at the previous MAP meeting. He concurred in concept with a lot of the NRTC comments, but he had not received concurrence from upper management. Although he did address the issues, some trustees felt there was no forward motion on this project. Nothing is expected to happen on this project until mid-June.

Several agencies have guidance on how mitigation should be carried out. Ms. Liz Block will take the lead on giving a presentation on the components of mitigation to the NRTC at the June meeting.

Issues and questions raised during the discussion included:

- ▶ Mitigation should occur before habitat is destroyed so displaced species have a place to go when their original habitat is destroyed.
- ▶ At ERDF, even though 165 acres has been destroyed thus far, mitigation should address the entire 1.6 square miles of planned habitat destruction.
- ▶ The NRTC should come up with 4 or 5 recommendations for mitigation, and define what the NRTC considers coordination.

#### CORE VALUES, Paul Kube

Mr. Paul Kube indicated that Mr. Bob Holt was working on Core Values statement and would present the information at the next trustee meeting. Mr. Geoff Tallent, Mr. Paul Kube, and Mr. Bob Holt will work on Core Values.

**ACTION:** Mr. Bob Holt will present Core Values for review at the next NRTC meeting.

#### 100 AREA VALUES, Liz Block

Ms. Liz Block faxed revisions to the 100 Area Values memo. Those changes were incorporated into the document for review. It was agreed to have Mr. Paul Kube informally distribute this document to the 100 Area managers indicating these are items of discussion in the NRTC. The Trustees will fax any changes to Mr. Kube for incorporation into the document, and there will be a telephone conference call to finalize.

**ACTION:** Trustees will send their 100 Area Values comments to Mr. Paul Kube by April 27. Mr. Kube will fax compiled changes to Trustees before May 2. There will be a telephone conference call on May 2 from 10:00 a.m. to noon to discuss and finalize the document.

#### UPDATE ON 100 AREA, Larry Gadbois

HR-1 is a source near the river, BC-1 and DR-1 are source operable units near the river. The EPA is working on three plans, HR-1 is the model. It is at DOE now. Mr. Gadbois passed out a paper containing the mitigation language for HR-1. There are unresolved issues regarding how DOE will deal with deep waste sites, what the cost will be, and what the leachability is. If DOE agrees with the plan, it should be available for review within a month. If they don't, it could be much longer. DOE is committed to cleaning up a deep waste site in order to characterize and get cost data. The material exhumed will be disposed at W0-25. The proposed plan may not be complete before activities begin.

#### CONGRESSIONAL CERCLA ACTIVITY, Chris Burford

There is a lot going on in Congress and some of it is very disturbing. There is a concerted effort toward CERCLA reauthorization, with changes including no retroactive liability, no cleanup of pre-1987 sites, no liability for pre-1987 activities, no resource damages, no lost use damages, no compensatory damages. The outcome of this reauthorization effort should be concluded by mid-May. There is a final bill on risk assessment and cost/benefit analysis being worked on which would require that a cost/benefit analysis be done before enacting any new regulations. One version would include existing regulations. In one version, if any person requests a cost/benefit analysis, the regulation is suspended during the analysis period.

DOE has developed a response to the Blush Report. Mr. Paul Kube will send the Trustees a copy of the response.

Each organization and individuals within each organization are encouraged to become involved by writing to their elected officials and expressing their opinions.

**ACTION:** Mr. Paul Kube will distribute the DOE response to the Blush Report to the members of the Council.

**ACTION:** Mr. Paul Kube will set up a meeting regarding 1100 Area restoration and ALE with the appropriate participants. Ms. Janet Ebaugh will prepare an agenda and get it to Mr. Kube.

ACTION: Mr. Paul Kube is preparing an article for the Hanford Reach. He will fax it to the members of the Council for review before it is printed.

ACTION: Mr. Paul Kube will contact Ms. Sue Bullard to find out about using electronic mail for NRTC communications.

Mr. Chris Burford handed out a document titled: "Scoping Report: Nuclear Risks in Tribal Communities. A Report by the Confederated Tribes of the Umatilla Indian Reservation outlining Concerns About Risk-Based Approaches to Environmental Management Decision-Making."

Ms. Liz Block announced that she was participating on the Biological Resources Management Plan Steering Committee. Mr. Paul Kube asked Ms. Block to participate in order to incorporate trustee involvement early in the process. Other interested parties may contact John A. Hall on (509) 373-1189. Ms. Block will update the Trustees concerning the progress of the committee.

#### ACTION ITEMS

ACTION: Mr. Geoff Tallent will make a redline/strikeout copy of the MOA and send it to the attorneys for their final approval. Then he will send copies to the NRTC organizations for signature.

ACTION: Mr. John Carleton and Mr. Geoff Tallent will present approximate remediation costs for the Groundwater plume at the May NRTC meeting.

ACTION: Ms. Callie Ridolfi will examine the Columbia Basin Reclamation HEP Project for possible application of information or models to the Hanford Site.

ACTION: Mr. Jay McConnaughey will contact Ms. Kelly Burke to find out which species the U.S. Army Corps of Engineers have developed models.

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ACTION: Mr. Paul Kube will discuss the issues with Mr. Glenn Goldberg and set up a meeting with Glenn, Ms. Janelle Downs, Ms. Janet Ebaugh, Mr. Jay McConnaughey, Mr. Paul Kube, and a PNL representative.

ACTION: Ms. Liz Block, Mr. Jay McConnaughey, and Ms. Janet Ebaugh are preparing comments to the Draft North Slope Restoration Plan and will circulate their comments to other Trustees for review.

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#### Proposed Agenda Items for May

Finalize MOA, Action/Discussion, Geoff Tallent  
Core Values, Action, Bob Holt  
NRTC Priorities, Action, Geoff Tallent  
100 Area Values, Action, Paul Kube  
Report on Columbia River HEP Models Application to Hanford, Discussion, Callie Ridolfi  
Report on Species in ACE Models, Discussion, Jay McConnaughey  
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Update on Surrogate Sites and BHI Report Comments, Discussion, Janet Ebaugh  
Seed Collection Update, Discussion, Janet Ebaugh  
Report on Schedules for BRMiS, BRMP, ECAMP, Discussion, Paul Kube  
Status on Nursery, Discussion, Dana Ward  
Chromium Update and Letter, Action, Chris Burford  
Report on Funding Mechanisms at Other Sites, Discussion/Action, Paul Kube  
1 RAD per Day Letter, Action, Liz Block  
Electronic Communications of NRTC, Discussion, Sue Bullard  
Congressional Update, Discussion, Chris Burford  
Hanford Reach Article, Discussion, Paul Kube  
Land Use, Discussion, Bob Holt  
New Tanks EIS Siting, Discussion, Geoff Tallent  
Update on 100 Areas Management Plan, Discussion, Larry Gadbois  
Central Plateau Letter, Discussion, Bob Holt  
HRA EIS, Discussion, Paul Kube  
Remediation Costs, Discussion, John Carleton and Geoff Tallent  
Chromium Study Update, Discussion, Mike Thompson  
Columbia River and Salmon Subcommittee, Action, Mike Bauer  
Columbia River Impact Assessment Update, Discussion, Mike Bauer

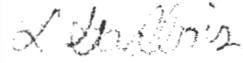
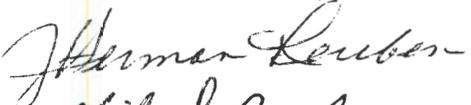
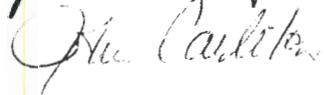
Hanford Natural Resource Trustee Council Meeting

April 13, 1995

| Name (print)        | Signature                  | Affiliation                |
|---------------------|----------------------------|----------------------------|
| Larry Gadbois       | <i>L Gadbois</i>           | EPA                        |
| Janet Ebaugh        | <i>Janet Ebaugh</i>        | CTUIR                      |
| Liz Block           | <i>Liz Block</i>           | USFWS                      |
| Jay McCannanhey     | <i>Jay McCannanhey</i>     | WDFW                       |
| PAUL KUBER          | <i>Paul Kuber</i>          | DOE                        |
| MIKE BAUER          | <i>Michael Bauer</i>       | YN                         |
| DAVID COURAD        | <i>David Courad</i>        | Nez Perce ERWM             |
| J. HERMAN Reuben    | <i>J. Herman Reuben</i>    | Nez Perce ERWM             |
| RICO CRUZ           | <i>Rico Cruz</i>           | Nez PERCE ERWM             |
| Chris Bartford      | <i>Chris Bartford</i>      | CTUIR                      |
| Susan Coburn Hughes | <i>Susan Coburn Hughes</i> | OR DEPT of ENERGY          |
| Susan Coburn Hughes | <i>Susan Coburn Hughes</i> | representing Yakama Nation |
| Callie Ridolfi      | <i>Callie Ridolfi</i>      | WDFW                       |
| JOHN CARLETON       | <i>John Carleton</i>       | ECOLOGY                    |
| GEOFF TALLENT       | <i>Geoff Talient</i>       | DOE - RL                   |
| Dana C. Ward        | <i>Dana C Ward</i>         |                            |

Hanford Natural Resource Trustee Council Meeting

April 14, 1995

| Name (print)       | Signature   | Affiliation           |
|--------------------|---|-----------------------|
| GEOFF TALLENT      |    | ECOLOGU               |
| Larry Gadbois      |    | EPA                   |
| Lillie Biddoff     |    | repr. Yakama Nation   |
| Susan Coburn Hughs |    | OR DEPT OF ENERGY     |
| Chris Burford      |    | CTUIR                 |
| FICO O. CRUZ       |    | NEZ PERCE ERWM        |
| DAVID CONRAD       |    | Nez Perce ERWM        |
| Kristie Baptiste   |  | Nez Perce Tribe ERWM  |
| J. HERMAN REUBEN   |  | NEZ PERCE TRIBE, ERWM |
| MIKE BAUER         |  | YAKAMA NATION         |
| Pax Kehe           |  | Dept. of Energy       |
| Liz Block          |  | USFWS                 |
| Janet Ebaugh       |  | CTUIR                 |
| JOHN CARLETON      |  | (WD File)             |