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February 1, 2007

DECISION MEMORANDUM

TO: Council Members

FROM: Mark Fritsch, Project Implementation Manager

SUBJECT: Council decision on first quarter within-year funding adjustment requests

PROPOSED ACTION:

Approve the within-year project funding requests as proposed by the Bonneville Power Administration as defined and conditioned by staff. At the February Council meeting, staff will provide an overview of all the requests and seek a recommendation from the Fish and Wildlife Committee and the Council.

SIGNIFICANCE:

The total requested amounts are \$70,907 in expense and \$123,034 in capital funding in Fiscal Year 2007. These amounts are additional funds to the Council's Fiscal Year (FY) 2007 - 2009 recommendations.

BACKGROUND:

The within-year budget modification requests for the first quarter of Fiscal Year 2007 have been reviewed by the budget oversight group (BOG). Bonneville, the Council and the Columbia Basin Fish and Wildlife Authority formed the BOG to conduct a budget tracking process. A principal role of the BOG is to validate whether requests for additional funding result from rescheduling or are within-year requests (that is, scope change, budget change, scope/budget change, reschedule, or new request) and to sort the within-year requests into one or more categories. Reschedules are forwarded to Bonneville for assessment and funding as funds become available, and within-year requests also are forwarded to Bonneville for recommendation on the availability of funds as identified at the quarterly reviews.

On January 16, 2007, the Council staff presented the requests and reviewed the schedule associated with the three within-year budget adjustment requests for the first quarter of Fiscal Year 2007.¹

The comment period associated with these requests closed on January 24 - we did not receive any comments.

As anticipated, after the close of the comment period Bonneville submitted a final list of the recommended within-year requests for a Council recommendation at the February meeting (see Attachment 1).

ANALYSIS:

Bonneville is still completing its decision on the Council's Fiscal Year (FY) 2007 - 2009 recommendations. Several of the within-year requests will be addressed as part of Bonneville's 2007 - 2009 funding decision. In addition, one of the requests is no longer being considered, as it was incorporated into Bonneville's agreement on the 2007 Federal Columbia River Power System Fish Operation and Transition funding. Bonneville is adding some funds to projects planned, but not completed, in FY 2006.

Table 1 summarizes all the requests received and addressed in the first quarter of FY 2007. The list includes the action taken by the Council at the December 2006 meeting regarding a request for the Kootenai River sturgeon project (1988-064-00). The list also reflects an action taken by Bonneville for the Idaho Supplementation Project (1989-098-03) and a request for ISRP review for the request associated with the Abernathy Fish Technology Center (2003-063-00).

The projects for which additional funds are sought fall into the following categories:

Category 3a: Threats to Project Integrity - (a) that jeopardize the performance of the entire project

- Project 2005-003-00, UPA Entiat 4-Mile Wells requested \$3,147. This project was reviewed and approved by the Council as part of a decision in January 2006. Additional funds address needs to drill a well deeper than expected. Bonneville will include these costs in its FY 2007 - 2009 record of decision.
- Project 2006-007-00, Little Bridge Creek Fence requested \$23,760. This project was reviewed extensively by the Council and approved for funding in February 2006. Additional funds are needed to complete the fence. Bonneville will include these costs in its FY 2007 - 2009 record of decision.

Category 3b1: Threats to Project Integrity - (b) that jeopardize the performance of a discrete task or objective; (1) adverse biological consequences to the project

¹ The requests were summarized in a letter from Bonneville dated January 9, 2007. The letter addressed all projects reviewed and included in the first quarter of FY 2007 except for project 1989-098-03, Idaho Supplementation Studies and project 1988-064-00, Kootenai River Native Fish Restoration and Conservation Aquaculture. On February 1, 2007 the Council received a letter from Bonneville explaining the favorable action on the request.

- Project 1990-018-00, Lake Roosevelt Rainbow Trout Habitat/Passage Improvement Project requested \$44,000. The requested funds addressed emergency repairs to the road grade and culvert to improve passage for adfluvial redband trout. Bonneville is treating this request as a “preschedule”² and will reflect this action in its FY 2007 - 2009 record of decision.
- Project 1989-098-03, Idaho Supplementation Studies requested \$15,000. The request addresses the replacement of a rotary screw trap that was lost in a flood last spring. The screw trap is used to evaluate juvenile production in the West Fork Yankee Fork Salmon River. Bonneville notified the Council that it is funding the replacement of the trap to ensure that the trap is available to sample this spring’s emigrating juvenile Chinook salmon. Bonneville sent a letter to the Council, dated January 29, 2007, detailing this action and will address it as part of its FY 2007 - 2009 record of decision.

Category 4: Lost Opportunity

- Project 1997-051-00, Yakima Side Channels requested \$1,853,000. The Council’s FY 2007 - 2009 funding decision for this project directed the sponsor (Yakama Nation) to “go through the within-year request process” for their acquisitions. At the November BOG meeting two parcels were submitted totaling \$1,853,000. Bonneville is not ready to recommend a budget for this project so we will defer this request until after Bonneville completes its FY 2007 - 2009 record of decision.

Category 5: Other

- Project 1998-053-01, Grande Ronde/Imnaha Endemic Spring Chinook Supplementation, NEOH requested \$123,034 in capital funds. These funds are needed to maintain Nez Perce Tribal personnel as Bonneville prepares for the construction of the NEOH as approved by the Council on May 9, 2006. These funds were not anticipated at the time of the Council decision last spring, and as the Council formed its FY 2007- 2009 funding recommendations there was so much uncertainty regarding the future of the project that it was not possible to determine personnel costs. Bonneville will include these costs in its FY 2007 - 2009 record of decision.
- Project 1997-038-00, Listed Stock Salmonid Gamete Preservation. Addressed as part of the 2007 Federal Columbia River Power System Fish Operation and Transition funding.
- Project 2003-063-00, Natural Reproductive Success & Demographic Effects of Hatchery-Origin Steelhead in Abernathy Ck., Washington requested \$464,558. The request reviewed by BOG in September 2006 addresses the consequences of the project’s sponsor not participating in the solicitation process used to develop the Council’s Fiscal Year 2007 - 2009 project-funding recommendations. The project addresses gaps in the

² A “preschedule” is a term used to describe an action that results in the reduction of the recommended budget for a project in the following fiscal year contract.

Biological Opinion that Bonneville is currently implementing³ by addressing reproductive success of hatchery and natural-origin steelhead in Abernathy Creek.⁴ Because there was no proposal submitted, no review by the ISRP occurred and Bonneville asks that the proposal now be reviewed by the ISRP. Bonneville notified the Council on January 25, 2007 that a short-term contract has been provided to the sponsor pending a funding decision regarding this proposal. Bonneville will include this contract extension as part of the FY 2007 - 2009 project-funding record of decision. Council staff recommends that funds for implementing this project be dependant on a favorable ISRP review and Council review as part of the next quarterly review. In addition, at the time of this next review, the importance of this project to the Biological Opinion remand will need to be better understood.

- Project 1988-115-25, Yakima Klickitat Fisheries Project, Design & Construction (Nelson Springs replacement facility) requested \$691,571. The proposal was submitted as part of the FY 2007 - 2009 solicitation, but was not prioritized for funding. The intent of the proposal is to replace existing buildings with modular facilities to provide office space for the YKFP staff. As you will recall, the Council did not support this request in May 2004. Bonneville recommends declining this request, and Council staff concurs.
- Project 1988-120-25, YKFP Management, Data and Habitat requested \$183,000. The request was reviewed at the November BOG meeting, as was the request associated with Project 1988-115-25. The request was made in the event that the proposed construction outlined in Project 1988-115-25 is declined and identifies costs anticipated to acquire leased space for YKFP staff. It seems to Council staff that the activities to be addressed as part of the proposed lease are not clearly defined and seems to be justified on the basis of yet to be approved master plans regarding Coho and fall Chinook. In addition, requests for these master plans have been identified in the Council's FY 2007 - 2009 funding recommendations, but have also been an element of conditioned funding recommendations by the Council in the past. Council staff recommends that this request not be acted on until master plans for the activities that are directing this request have been defined and approved through the three-step review process.

Based on the reviews conducted by the BOG members, Council staff, and the review and correspondence received from Bonneville, the Council staff recommends the within-year adjustments as outlined in the following table be approved as described by staff. Approval should be conditioned on these adjustments being clearly defined in Bonneville's project-funding record of decision for Fiscal Years 2007 - 2009.

³ This proposal was a request for study (RFS) for implementation through the provincial review for the Mainstem/Systemwide (MS/SW) Province. It was funded as part of the Bonneville 2004 SOY decision to address Research, Monitoring and Evaluation (RM&E) categories described in the NOAA Fisheries Biological Opinion for operation of the Federal Columbia River Power System (FCRPS).

⁴ The project follows a hatchery broodstock from a natural-origin steelhead population and is researching the genetic difference of the hatchery broodstock from the natural-origin population and the ecological impact of these steelhead to Abernathy Creek, Washington.

Table 1: Summary of within-year budget adjustments and staff recommendations for the first quarter of Fiscal Year 2007.

| Category | Project # | Project Title | Sponsor | FY 2007 Budget | Request | Staff Recommendation |
|----------|-------------|--|---------|---------------------|-------------------|--|
| 3a | | | | | | |
| | 1988-064-00 | Kootenai River Native Fish Restoration and Conservation Aquaculture | KT | \$1,970,800 | \$657,800 | Approved 12/13/06 |
| | 2005-003-00 | UPA Entiat 4-Mile Wells | CCCD | FY'06@\$60,850 | \$3,147 | BPA SOY @ \$3,147 |
| | 2006-007-00 | Little Bridge Creek Fence | OCD | FY'06@\$80,869 | \$23,760 | BPA SOY @ \$23,760 |
| 3b1 | | | | | | |
| | 1990-018-00 | Lake Roosevelt Rainbow Trout Habitat/Passage Improvement Project | CCT | \$679,385 | \$44,000 | BPA SOY Pre-schedule @ \$44,000 |
| | 1989-098-03 | Idaho Supplementation Studies | SBT | \$245,000 | \$15,000 | Bonneville approved 1/29/07 |
| 4 | | | | | | |
| | 1997-051-00 | Yakima Side Channels - Burlington Northern Santa Fe/ Interchange Pond-Habitat Acquisition | YN | \$46,666 | \$628,000 | No Action |
| | | Yakima Side Channels–Hundley Property Acquisition | YN | | \$1,225,000 | |
| 5 | | | | | | |
| | 1988-053-01 | Grande Ronde/Imnaha Endemic Spring Chinook Supplementation, Northeast Oregon Hatchery | NPT | \$7,492,439 Capital | \$123,034 Capital | BPA SOY @ \$123,034 |
| | 1997-038-00 | Listed Stock Salmonid Gamete Preservation | NPT | \$65,000 | \$91,000 | 2007 FCRPS |
| | 2003-063-00 | Natural Reproductive Success & Demographic Effects of Hatchery-Origin Steelhead in Abernathy Ck., Washington | USFWS | FY'06@\$391,422 | \$464,558 | Bonneville request for ISRP review 1/25/07 |
| | 1988-115-25 | Yakima Klickitat Fisheries Project, Design & Construction (Nelson Springs replacement facility) | YN | \$0 | \$691,571 | Defer to Master Plan |
| | 1988-120-25 | YKFP Management, Data and Habitat | YN | \$266,666 | \$183,000 | Defer to Master Plan |

Attachment 1: Letter received on February 1, 2007 from Bonneville regarding within-year budget adjustments associated with the Quarterly Review.



Department of Energy

Bonneville Power Administration
P.O. Box 3621
Portland, Oregon 97208-3621

ENVIRONMENT, FISH AND WILDLIFE

February 1, 2007

In reply refer to: KEW-4

Mr. Doug Marker
Fish and Wildlife Division Director
Northwest Power and Conservation Council
851 SW Sixth Avenue, Suite 1100
Portland, OR 97204-1348

Dear Mr. Marker:

In accordance with the Budget Oversight Group (BOG) process, the BOG conducted the first quarterly review of within-year budget and/or scope modification requests for the first quarter of Fiscal Year 2007. As a result of that review and subsequent further analysis by BPA staff, the following budget modification requests are submitted to Council for evaluation and recommendations regarding potential funding. BPA will consider the Northwest Power and Conservation Council (Council) recommendations and reassess the status of contract commitments, billings to date, and end-of-year accrual projections before making final decisions to adjust individual project budgets.

BPA reviews each request for technical merit and management priority. BPA staff have assessed the current list of requests and have arrived at the following recommendations. In accordance with the BOG process, BPA also sought a 14-day, public comment period on these requests during which time, no comments were received.

The BOG process incorporates the use of a set of criteria to rank the project requests. The categorization and ranking system is as follows:

Category

1. **Emergency** – Acts of God or the unforeseen loss of mechanical infrastructure that necessitates an extraordinary action to avoid the imminent loss of fish and/or wildlife resources or to mitigate serious human health or safety issues.

2. **ESA Obligation** – A new or ongoing project that addresses actions committed to by the Action Agencies to implement biological opinions. New projects will be reviewed by the Independent Scientific Review Panel, BPA and the Council prior to BPA funding.
3. **Threats to Project Integrity** – Actions necessary for the project, though not of an emergency nature, to avoid the loss of a previous project investment, including major project review (i.e., step review) that would:
 - a. Jeopardize the performance of the entire project
 - b. Jeopardize the performance of a discrete task or objective of the project causing:
 1. adverse biological consequences to the project;
 2. the loss of monitoring and evaluation data.
4. **Lost Opportunity** – New or ongoing projects that respond to a limited opportunity to benefit the fish and wildlife resource and that opportunity will be permanently lost if the requested budget increase and associated work is not approved. “Lost opportunity” constitutes a highly scrutinized status and does not necessarily constitute an automatic approval.
5. **Other** – Any project not deemed by the BOG to fall into the four categories defined above. The loss of capability to administer the project also falls into this category. Examples of this type of request might include cost-of-living increases or increases in indirect rates. Because these costs should be addressed through project contracting, it is unlikely that these projects would receive a high priority in the quarterly review process.

Project Funding Requests – BPA Recommended

The following requests are being addressed in accordance with the schedule of the BPA/Council within-year process; they were discussed in the BOG meeting on December 6, 2006, forwarded to the Council on January 16, 2007, to initiate the 14-day public review process, and are now being forwarded to the Council for its recommendation. The following BPA-recommended project funding requests will be folded into the 2007 start-of-year budgets through BPA’s FY2007–2009 project decisions.

Category 3a

Project No. [2005-003-00](#)

Project Name: UPA Entiat 4-Mile Wells

Budget Amount: \$3,147

Funding Category: Expense

This project was initially recommended for funding in February 2006 to install wells to eliminate in-stream diversion for irrigation to eliminate a barrier to passage of steelhead, Chinook, and bull trout and to allow the Entiat River to naturally eliminate the instream pushup dam. Chelan County Conservation District is requesting additional funds to install two private wells. The current wells are unable to pump sufficient irrigation water for the property, requiring the landowner to continue using the in-stream diversion. Continued use of the in-stream diversion would maintain the fish passage barrier and stream drawdown problems at the site. The additional dollars for this request are to provide for drilling deeper wells than what was originally estimated.

Project No. [2006-007-00](#)

Project Name: Little Bridge Creek Fence

Budget Amount: \$23,760

Funding Category: Expense

The Okanogan Conservation District (OCD) is requesting additional dollars to complete fencing in the Methow subbasin. This project was first proposed with the average cost of \$3.50 per constructed foot for the fence. The Council felt the amount was excessive and asked if OCD could reduce the cost. The project sponsor responded by reducing the budget by \$31,158 less than the original request. Several events that were beyond control of the OCD have slowed the project and caused increased costs, including the location of the fence,, which was an old road bed. Although brush removal from the road bed was easy, digging was difficult in the compacted earth of the road bed. A 30-inch hole for every post (three per brace and a brace at every turn) required extra time for excavation. The additional labor was not anticipated ahead of time because the exact location was not determined until shortly before the fence was built. The original request of an average of \$3.50/ft tried to take these kinds of contingencies into account. With this budget adjustment, the fence will cost an estimated \$3 per foot. Completing the entire fence prevents cattle from having continued access to the stream, which was primary project objective relative to protection of spawning and rearing habitat in Little Bridge Creek.

Category 3b1

Project No. 1990-018-00

Project Name: Lake Roosevelt Rainbow Trout Habitat/Passage Improvement

Budget Amount: \$44,000

Funding Category: Expense

The Colville Confederated Tribes proposes to conduct habitat improvement and stabilization work to prevent possible adfluvial redband rainbow trout passage barriers at Bridge Creek, Thirty Mile Creek and South Nanamkin Creek. Thirty Mile and Bridge Creek are important perennial streams that provide spawning and rearing habitat for kokanee and native redband rainbow populations. The proposed work is needed because high flows due to repeated rain events just prior and during the 2006 spring runoff, damaged existing structures and BPA improvements in the three creeks. The nature of the damages on Bridge Creek are related to the Ferry County culvert at the Old State Highway between Phase I and Phase II of Bridge Creek improvements, which blew out, causing the new channel below the culvert to fill in with sediment. These are emergency repairs, and there are no reductions in the existing scope of work that would allow funding of the needed work.

BPA's recommendation, which has been agreed to by the Tribe, is to treat this request as a preschedule of work into the current FY07 contract, resulting in a reduction of the Tribe's FY07–FY08 contract for this project. This is a one-time increase in the FY07 budget only. The project budget for FY08-09 will be reduced by the amount of the FY07 increase. The recommended adjustment is with scope and budget of the Council's FY07–09 recommendation.

Category 5

Project No. 1988-053-01

Project Name: Grande Ronde/Imnaha Endemic Spring Chinook Supplementation, Northeast Oregon Hatchery

Budget Amount: \$123,034

Funding Category: Capital

The Nez Perce Tribe is seeking approval of this budget modification for continued funding through 2007 in support of the planning process for NEOH. The co-managed nature of the NEOH program requires the NEOH M&E project leader to interact extensively with researchers, local management and production staff from ODFW and CTUIR. The project leader regularly participates in the Technical Oversight Team (TOT) and LSRCP annual operating plan meetings. These co-manager meetings provide consensus building, information sharing and direction for the monitoring and evaluation activities in northeast

Oregon. Hence, the project leader helps facilitate an adaptive management process that will benefit the NEOH program in the future. Continued funding for M&E staff will allow full participation in these NEOH-related forums.

BPA is recommending that these funds be folded into the start-of-year budget for the capital portion of the F&W direct program budget. This project's funding would have been absorbed into the construction budget and the M&E development/implementation budget, but both of these tasks are now on hold. Bonneville has delayed the final approval of the construction of NEOH pending BiOp crediting issues with NMFS and the final M&E plan needs further development and approval. It is imperative that until these decisions are finalized that this position be maintained to participate with cooperating agencies and the NEOH core team. This project was previously under the capital budget as part of the NEOH core team and will be maintained there until final decisions are made.

BPA Recommended under the 2007–2009 Record of Decision

The following projects are BPA recommended; however, the funding levels are allocated at levels that will be identified in the BPA 2007–2009 Record of Decision. Project sponsors are encouraged to seek cost share opportunities to achieve desired funding levels, if decisions involving reduced budgets are made.

Project No. 1997-051-00

Project Name: Yakima Side Channels–Habitat Acquisition

Burlington Northern Santa Fe property and
Interchange Pond property

Budget Amount: \$628,000

Funding Category: Expense

The Yakama Nation is requesting funds for acquiring the Burlington Northern Santa Fe property, a property held within the BPA-owned Cle Elum Hatchery property. Securing this property will consolidate intact habitat and secure access and management control of the hatchery facility and surrounding habitat lands. The Interchange property will protect 42 acres of pond, riparian, flood-plain habitat and will add significant restoration potential for the following species in a critical habitat corridor: bald eagle, coho, rainbow trout, steelhead, salmonids, and Chinook. This property is located between the YKFP-managed Hanson Ponds and Dixon properties.

Project No. 1997-051-00

Project Name: Yakima Side Channels–Habitat Acquisition
Hundley Property

Budget Amount: \$1,225,000

Funding Category: Expense

The Hundley property contains ~1.5 river miles of prime salmon spawning habitat, significant off channel backwater habitats, >40 acres of connected ponds and wetland habitats, and two tributary confluences (Nelson Creek, un-named). The property is located adjacent to hundreds of acres of protected properties owned by, Suncadia Resort, WDFW, DNR, State Parks and BPA, and is a critical habitat link in the upper Yakima River ecosystem. Once the property is protected, co-managers will enhance the riparian zone, diversify the bank slopes and channel roughness, improve stream connectivity in ponds and side channel habitats, utilize ponds for coho acclimation sites, control noxious weeds and replant native grasses and shrubs in the upper flood-plain terraces; other activities as determined.

Project Funding Requests–BPA Deferred

Project No. [2003-063-00](#)

Project Name: Natural Reproductive Success & Demographic Effects of Hatchery-Origin Steelhead in Abernathy Ck., Washington
Budget Amount: \$464,558
Funding Category: Expense

The U.S. Fish and Wildlife Service did not submit proposal for the continuation of this work during the FY2007–2009 proposal solicitation process. They asked to be included after the close of the solicitation period. BPA and the Council, however, allowed for the project sponsor to request funding via the within-year process.

This project was part of a special solicitation in 2003 to address the critical uncertainty identified in the 2000 Biological Opinion (BiOp) associated with the effectiveness of hatchery fish spawning in the wild and their potential effect on wild populations. It is a long-term project and involves researchers from diverse fields, including fish genetics, culture, behavior, physiology, and ecology. All research is integrated and the loss of any one part negatively impacts all of the research. This is the only BPA project concerning reproductive success that is also 1) monitoring the productivity of the stream affected by the hatchery population as well as 2) control streams and 2) evaluating the biological differences and the ecological interactions between hatchery-origin (HOR) and natural-origin (NOR) steelhead. This project investigates several generations of steelhead. The project follows the origination of a hatchery broodstock (HOR) from a natural-origin (NOR) steelhead population and investigates the potential genetic and phenotypic diversion of HOR broodstock from the NOR population and the impact of HOR on NOR steelhead in Abernathy Creek. Because the data being collected are from related generations of steelhead, any break in the data recovery will result in an irretrievable loss of information.

This study was one of several projects identified through a targeted Request for Studies specifically solicited for hatchery effectiveness research as part of the Council's Mainstem/Systemwide Review Process in 2003. BPA recommends continuation of this research, contingent on favorable ISRP review. This research remains a priority as we continue to comply with provisions of the 2000 and 2004 BiOps, pending a new, long-term BiOp.

Project No. [1988-115-25](#)

Project Name: Yakima Klickitat Fisheries Project, Design & Construction (Nelson Springs replacement facility)
Budget Amount: \$691,571
Funding Category: Expense

The YKFP proposes to replace the Nelson Springs buildings with low-cost modular facilities to house the necessary YKFP monitoring, evaluation, and data management needs. The principal activities will include 1) conduct a phased demolition of existing facilities at Nelson Springs site; 2) construct adequate replacement facilities consistent with planning and design for modular facilities which were completed in FY2005. The funding request would cover the following: relocating equipment, staff, furnishings and supplies to a temporary on-site location (existing residential structure) to allow old facility demolition; performing modular facility site preparation; installing modular facility and connect utilities; completing site work; relocating equipment, staff, supplies and furnishings to new facility; demolishing residential structure and reclaim underlying property.

BPA continues to feel the dollar amount requested is rather high. BPA has requested additional information from the Yakama Tribe; including exploration of other alternatives and costs for office space, and so we are deferring a decision on their request pending review of this additional information from the project sponsor. BPA has not yet received the requested information.

Project No. 1988-120-25

Project Name: YKFP Management, Data and Habitat

Budget Amount: \$183,000

Funding Category: Expense

The project sponsors are requesting additional funding to lease space for data management and research management activities, including the M&E project; the YKFP Operation and Maintenance project, and Steelhead Kelt Reconditioning; and to construct and install designed tenant improvements to the leased space. The project sponsors feel current conditions prevent the efficient performance of the tasks necessary to meet project objectives.

BPA understands that the Yakama Nation is making this request in the event their request for a Nelson Springs replacement facility (project # 1988-115-25) is declined. Because BPA is not ready to make a decision on the Nelson Springs replacement facility until requested information is received, we are deferring our recommendation on this request as well. BPA is deferring our recommendation on this alternative proposal until the additional information is received and further economic analyses can be performed on the Nelson Springs replacement facility. BPA's objective is to determine and support the needed facilities that represent the least cost alternative. That is not clear to us at this time.

Summary

In summary, the total of expense funding requested in this letter is \$70,907—excluding Natural Reproductive Success & Demographic Effects of Hatchery Origin Steelhead in Abernathy Creek; Yakama Side Channel acquisitions; YKFP Management, Data and Habitat; and Nelson Springs replacement facility funding requests—and the total of capital funding is \$123,034. We believe these projects are consistent with priorities identified during previous Council provincial reviews and/or other BPA and Council discussions.

Please feel free to contact either Greg Dondlinger at 503/230-5065 or me at 503/230-5499 for further information or if you have any questions.

Sincerely,



William C. Maslen
Director for Fish and Wildlife

cc:

Mr. Mark Fritsch, Northwest Power and Conservation Council
Ms. Patty O'Toole, Northwest Power and Conservation Council
Mr. Karl Weist, Northwest Power and Conservation Council
Ms. Stacy Horton, Northwest Power and Conservation Council
Ms. Joann Hunt, Northwest Power and Conservation Council
Mr. Kerry Berg, Northwest Power and Conservation Council
Mr. Brian Lipscomb, Columbia Basin Fish and Wildlife Authority
Mr. Tom Iverson, Columbia Basin Fish and Wildlife Authority
Ms. Amy Langston, Columbia Basin Fish and Wildlife Authority

Bcc:

Ms. Michael Coffey – KEWB-4
Mr. Greg Dondlinger – KEWB-4
Mr. Peter Lofy – KEWL-4
Mr. Mark Shaw – KEWU-4
Ms. Tracy Hauser – KEWU-4
Ms. Cecilia Brown – KEWL-4
Ms. Patricia Smith – KEWL-4
Ms. Jamie Swan – KEWL-4
Mr. Ken Kirkman – KEWU-4