1 **5 CONSULTATION AND COORDINATION** 2 3 4 One intent of the National Environmental Policy Act of 1969, as amended (NEPA), is to 5 encourage the participation of federal and state agencies and affected citizens in the assessment 6 procedure, as appropriate. Consultation, coordination, and public involvement are integral to 7 identifying relevant issues and concerns and ensuring that these issues are addressed. For this 8 Long-Term Experimental and Management Plan (LTEMP) Draft Environmental Impact 9 Statement (DEIS), this was accomplished primarily through public meetings and workshops, 10 informal and formal agency meetings, webinars, individual contacts, website updates, news releases, and Federal Register notices. 11 12 13 Acting as joint-lead agencies, the Bureau of Reclamation (Reclamation) and the National 14 Park Service (NPS) have prepared this DEIS in close coordination with several federal and state agencies (see Section 1.3). Development of this DEIS also included input from Tribal 15 16 governments, local agencies, programs, nongovernmental organizations, and the general public. 17 This chapter summarizes the formal consultation and coordination that has occurred during the 18 preparation of this DEIS. 19 20

21 5.1 CONSULTATION AND COORDINATION WITH OTHER AGENCIES 22 AND PROGRAMS

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5.1.1 U.S. Department of the Interior

27 The U.S. Department of the Interior (DOI), through Reclamation and the NPS, has 28 prepared this DEIS, with assistance from Argonne National Laboratory (Argonne) and the 29 U.S. Geological Survey (including staff from the Patuxent Wildlife Research Center, Grand 30 Canyon Monitoring and Research Center, and Southwest Biological Science Center). 31 Reclamation has the primary responsibility for operating Glen Canyon Dam. The NPS has the 32 primary responsibility for managing downstream resources and visitors for the Grand Canyon 33 National Park, Glen Canyon National Recreation Area, and Lake Mead National Recreation 34 Area. As joint leads, both agencies have been equally involved in all aspects of the development 35 of the LTEMP and DEIS.

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38 5.1.2 Cooperating Agencies

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40 On December 8, 2011, in accordance with Title 40 *Code of Federal Regulations*

41 (CFR) 1501.6 of the Council on Environmental Quality (CEQ) regulations for implementing

42 NEPA and 43 CFR 46.225 of the DOI's regulations for implementing NEPA, Reclamation and

43 NPS invited 25 federal, Tribal, state, and local government agencies to participate in the

44 development of the DEIS as Cooperating Agencies. Fifteen of these agencies expressed interest

45 in participating as Cooperating Agencies. The Cooperating Agencies, which include three federal

entities, five state agencies, and six Tribes, are listed in Table 5.1-1, along with descriptions of
 their participation.

3 4 All Cooperating Agencies have had the opportunity to participate in regular meetings and 5 workshops and webinars related to the development of this DEIS, participate in monthly 6 meetings with the joint leads, and review and comment on the DEIS. Beginning in 7 February 2012, the Cooperating Agencies met every month during the preparation of the DEIS. 8 In addition, more than 30 meetings, workshops, and webinars were conducted with stakeholders 9 and Cooperating Agencies to assist in the development of alternatives and performance 10 measures, conduct the Structured Decision Analysis (SDA), and provide general status updates. Federal Cooperating Agencies (i.e., Bureau of Indian Affairs [BIA], U.S. Fish and Wildlife 11 12 Service [FWS], and Western Area Power Administration [Western]) also participated in the 13 process of alternative development for the DEIS.

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16 5.1.3 American Indian Tribes

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18 As part of the government's Treaty and Trust responsibilities, the Federal Government 19 works on a government-to-government basis with American Indian Tribes. The government-to-20 government relationship and the process for developing open and transparent communication, 21 effective collaboration, and informed federal decision-making with Indian Tribes was identified 22 in Executive Order (E.O.) 13175, "Consultation and Coordination with Indian Tribal 23 Governments" (U.S. President 2000); E.O. 13007, "Indian Sacred Sites" (U.S. President 1996); Secretarial Order (S.O.) 3206, "American Indian Tribal Rights, Federal-Tribal Trust 24 25 Responsibilities, and the Endangered Species Act" (DOI 1997); S.O. 3317, "Department of the 26 Interior Policy on Consultation with Indian Tribes" (DOI 2011a); and the President's 27 "Memorandum on Government-to-Government Relations with Native American Tribal 28 Governments" (U.S. President 1994a). In addition, Section 106 of the National Historic 29 Preservation Act (NHPA) requires federal agencies to consult with Indian Tribes on undertakings 30 on Tribal lands and on historic properties of significance to the Tribes that may be affected by an undertaking (36 CFR 800.2 (c)(2)). Both Reclamation and NPS coordinate and consult with all 31 32 Tribal governments, Native American communities and organizations, and Tribal individuals 33 whose interests might be directly and substantially affected by activities within their jurisdiction. 34 35 Government-to-government consultation has been and will continue to be conducted throughout development of this DEIS, in accordance with provisions of the Executive Orders and 36 37 Secretarial Orders listed above as well as Section 106 of the NHPA, and any additional 38 applicable natural and cultural resource laws (e.g., NEPA, the Endangered Species Act [ESA], 39 NHPA, and Migratory Bird Treaty Act), as well as agency-specific guidance, such as: 40 DOI, Departmental Manual, Departmental Responsibilities for Indian Trust 41 • 42 Resources, 512 DM 2 (1995). 43 44 DOI, Departmental Manual, Departmental Responsibilities for Protecting/ • 45 Accommodating Access to Indian Sacred Sites, 512 DM 3 (1998).

| Cooperating Agency | Туре | Summary of Involvement |
|--|---------|--|
| Arizona Game and Fish Department (AZGFD) | State | AZGFD is a Cooperating Agency in recognition of its role in conserving, enhancing, and restoring Arizona's diverse wildlife resources and habitats. AZGFD is also a member of the Glen Canyon Dam Adaptive Management Working Group (AMWG). AZGFD participated in several stakeholder meetings, and representatives offered expertise during development of resource goals, performance metrics, and the aquatic modeling approach. |
| Bureau of Indian Affairs (BIA) | Federal | BIA is a Cooperating Agency in recognition of its administration of federal trust responsibility to Indian Tribes. BIA assisted in government-to-government consultations and served in an advisory capacity to Reclamation and the Indian Tribes. |
| Colorado River Board of California (CRBC) | State | CRBC is a Cooperating Agency in recognition of its responsibility for maintaining or increasing the quantity of California's Colorado River water resources. CRBC is also a member of the Glen Canyon Dam AMWG and represents California as part of the group of seven Basin States that have interests in the Colorado River. CRBC contributed to the development of the Resource Targeted Condition Dependent Alternative, which served as the basis of Alternative E, and, as part of the Basin States group, provided comments on performance metrics and modeling results. |
| Colorado River Commission of Nevada (CRCN) | State | CRCN is a Cooperating Agency in recognition of its responsibility for acquiring and managing water and hydropower resources from the Colorado River. CRCN is also a member of the Glen Canyon Dam AMWG and represents Nevada as part of the group of seven Basin States that have interests in the Colorado River. CRCN contributed to the development of the Resource Targeted Condition Dependent Alternative, which served as the basis of Alternative E, and, as part of the Basin States group, provided comments on performance metrics and modeling results. |
| The Havasupai Tribe | Tribe | The Havasupai Tribe is a Cooperating Agency in recognition of its relationship with the Colorado River and the Canyons. The Tribe has interests in aspects of the operation of Glen Canyon Dam and Colorado River resources below the dam. Havasupai representatives have participated in Cooperating Agency meetings and meetings and webinars pertaining to Tribal values, and have contributed written portions to the DEIS. |
| The Hopi Tribe | Tribe | The Hopi Tribe is a Cooperating Agency in recognition of its relationship with the Colorado River and the Canyons. The Tribe has interests in aspects of the operation of Glen Canyon Dam and Colorado River resources below the dam. The Tribe is also a member of the Glen Canyon Dam AMWG and Technical Work Group (TWG). Hopi representatives have participated in Cooperating Agency meetings and meetings and webinars pertaining to Tribal values, provided comments on performance metrics and resource goals, and have contributed written portions to the DEIS. |

1 TABLE 5.1-1 Summary of Cooperating Agency Involvement

TABLE 5.1-1 (Cont.)

| Cooperating Agency | Туре | Summary of Involvement |
|---|-------------------|---|
| The Hualapai Tribe | Tribe | The Hualapai Tribe is a Cooperating Agency in recognition of its relationship with the Colorado River and the Canyons. The Tribe has interests in aspects of the operation of Glen Canyon Dam and Colorado River resources below the dam. The Tribe is also a member of the Glen Canyon Dam AMWG and TWG. Hualapai representatives have participated in Cooperating Agency meetings and meetings and webinars pertaining to Tribal values, provided comments on performance metrics and resource goals, and have contributed written portions to the DEIS. |
| The Kaibab Band of Paiute Indians | Tribe | The Kaibab Band of Paiute Indians is a Cooperating Agency in recognition of its relationship with the Colorado River and the Canyons. The Tribe has interests in aspects of the operation of Glen Canyon Dam and Colorado River resources below the dam. The Tribe is also a member of the Glen Canyon Dam AMWG and TWG. Kaibab representatives have participated in Cooperating Agency meetings and meetings and webinars pertaining to Tribal values and provided comments on performance metrics and resource goals. |
| The Navajo Nation | Tribe | The Navajo Nation is a Cooperating Agency in recognition of its relationship with the Colorado River and the Canyons. The Tribe has interests in aspects of the operation of Glen Canyon Dam and Colorado River resources below the dam. The Tribe is also a member of the Glen Canyon Dam AMWG and TWG. Navajo representatives have participated in Cooperating Agency meetings and meetings and webinars pertaining to Tribal values, and provided comments on performance metrics and resource goals. |
| The Pueblo of Zuni | Tribe | The Pueblo of Zuni is a Cooperating Agency in recognition of its relationship with the Colorado River and the Canyons. The Tribe has interests in aspects of the operation of Glen Canyon Dam and Colorado River resources below the dam. Zuni representatives have participated in Cooperating Agency meetings and meetings and webinars pertaining to Tribal values, provided comments on performance metrics and resource goals, and have contributed written portions to the DEIS. |
| Salt River Project (SRP) | Public Utility | SRP is a Cooperating Agency in recognition of its role as one of the primary public utility companies in Arizona. SRP participated in several Cooperating Agency and stakeholder meetings and provided comments on performance metrics and modeling results. |
| Upper Colorado River Commission (UCRC) | Inter- State | UCRC is a Cooperating Agency in recognition of its role as part of the group of seven Basin States that have interests in the Colorado River. UCRC is also a Glen Canyon Dam AMWG member. UCRC contributed to the development of the Resource Targeted Condition Dependent Alternative, which served as the basis of Alternative E, and, as part of the Basin States group, provided comments on performance metrics and modeling results. |

TABLE 5.1-1 (Cont.)

| Federal | The FWS is a Cooperating Agency in recognition of its jurisdiction by law |
|-------------------|---|
| | and special expertise with respect to the ESA and biological resources within the study area. FWS has participated in the formation and development of LTEMP resource goals and objectives, performance metrics and alternatives, as well as the development of the aquatic modeling approach. In addition, a representative from FWS serves as the Tribal Liaison and has participated in government-to-government meetings with the Tribes. |
| Public Utility | UAMPS is a Cooperating Agency in recognition of its role as a purchaser of electricity from the Colorado River Storage Project. UAMPS is also a member of the AMWG. UAMPS participated in Cooperating Agency and stakeholder meetings and provided comments on the performance metrics. |
| Federal | Western is a Cooperating Agency in recognition of its role in marketing and transmitting electricity from the Glen Canyon Dam. Western representatives participated in the development of alternatives and hydropower performance metrics and provided funds for the hydropower systems analysis. |
| | Utility |

- Programmatic Agreement among the Bureau of Reclamation, the Advisory Council on Historic Preservation, the National Park Service, the Arizona State Historic Preservation Officer, Havasupai Tribe, Hopi Tribe, Hualapai Tribe, Kaibab Paiute Tribe, Navajo Nation, San Juan Southern Paiute Tribe, Shivwits Paiute Tribe, and Zuni Pueblo Regarding the Operation of Glen Canyon Dam, 1994 (Reclamation 1994).
- NPS, Management Policies 2006 (NPS 2006d).

On November 30, 2011, 43 Tribes, bands, and organizations were formally invited to enter into government-to-government consultation on the LTEMP DEIS. The letters, sent by the joint-lead agencies, provided notification of the intent to prepare the LTEMP DEIS; initiated government-to-government consultation; and invited the Tribes to identify concerns related to

historic properties, including traditional cultural properties and archaeological sites, natural
 resources, relevant Indian Trust assets, and other issues of importance.

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4 A total of 31 Tribes responded to the invitation. Six Tribes agreed to participate as 5 Cooperating Agencies (see Section 5.1.2); three Tribes (the Fort Mojave Tribal Council, Pueblo 6 of Zia, and Gila River Indian Community) agreed to participate as Consulting Tribes; eight 7 Tribes (Pueblo of Santa Clara, Ute Indian Tribe, Ute Mountain Ute, Pueblo of Nambe, Yavapai 8 Apache, Paiute Indian Tribe of Utah, the Pueblo of Santa Ana, and the Fort Yuma Quechan) 9 declined participation, but asked to remain on the mailing list; and 14 Tribes (Ak Chin Indian 10 Community, Cocopah Indian Tribe, Fort McDowell Yavapai Tribal Council, Jicarilla Apache Nation, Ohkay Owingeh, Southern Ute Tribal Council, the Pueblo of Acoma, the Pueblo of 11 12 Laguna, the Pueblo of Sandia, Yavapai-Prescott Indian Tribe, Chemehuevi Tribal Council, 13 Tohono O'odham Nation, the Pueblo of Pojoaque, and the White Mountain Apache) declined 14 participation in the LTEMP DEIS. The joint leads have yet to receive a response to the request for consultation from the remaining 12 Tribes (Colorado River Indian Tribes, Las Vegas Tribe of 15 16 Paiute Indians, Moapa Band of Paiute Indians, Salt River Pima-Maricopa Indian Community, 17 San Carlos Apache Tribe, San Juan Southern Paiute Tribe, the Pascua Yaqui Tribe, the Pueblo 18 of Cochiti, the Pueblo of Jemez, the Pueblo of San Felipe, the Pueblo of Tesuque, and 19 Tonto Apache).

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21 Cooperating and consulting Tribes were invited to attend meetings, workshops, and 22 webinars, and to review various documents related to the development of the LTEMP DEIS. A 23 series of workshops, conference calls, and webinars were held with Tribes to identify Tribal resource goals and ways to measure the relative performance of alternatives against those goals. 24 25 A list of major face-to-face meetings, webinars, and conference calls involving Tribes is 26 provided in Appendix N, Table N-2. Meeting notes and other important documents related to the 27 LTEMP DEIS development process were sent to those Tribes who wished to remain on the 28 mailing list. Reclamation and NPS will continue to provide consultation opportunities for 29 interested Tribes and keep all Tribal entities informed about the NEPA process for the DEIS. A 30 full summary of Tribal communication as of March 2015 is provided in Appendix M. 31

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33 5.1.4 Other Consultations

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5.1.4.1 National Historic Preservation Act (NHPA)

38 Section 106 of the NHPA of 1966, as amended, and its implementing regulations, 39 requires federal agencies to address the effect of projects on historical properties (i.e., resources 40 determined eligible or listed on the National Register of Historic Places [NRHP]) and to give the State Historic Preservation Officers (SHPOs), Advisory Council on Historic Preservation 41 42 (ACHP), and Traditionally Associated American Indian Tribes, as necessary, a reasonable 43 opportunity to comment on such effects. Reclamation has the lead for Section 106 compliance 44 and initiated the process of consultation with the Arizona SHPO. Consultations regarding 45 eligibility of cultural resources to the NRHP and the effect of the proposed federal action are 46 ongoing. In addition, consultations occurred with Tribal Historic Preservation Officers and

Indian Tribes with concerns under E.O. 13007, "Indian Sacred Sites" (U.S. President 1996), the
 Native American Graves Protection and Repatriation Act, and Section 106 of the NHPA.

3 4 On November 30, 2011, 43 Tribes, bands, and organizations were formally invited to 5 enter into government-to-government consultation on the LTEMP DEIS (see Section 5.1.3). As 6 part of the consultation process for this DEIS, Reclamation will continue to identify concerns, 7 assess the potential for cultural resources impacts, develop appropriate mitigation measures, and 8 seek concurrence with the determination of effect. If adverse effects are identified, Reclamation 9 would continue consultation to seek options to avoid, minimize, or mitigate the adverse effects 10 on historic properties. Reclamation, in consultation with interested parties, is developing a Programmatic Agreement to address any cultural resource effects and mitigation measures. 11

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5.1.4.2 State and Local Water and Power Agency Coordination

Reclamation and NPS have had various discussions with state and local water agencies
regarding the proposed federal action. The seven Basin States in particular have been
continuously engaged throughout the scoping and alternatives development processes. This
engagement has consisted of conference calls, webinars, and face-to-face meetings to discuss
process, resource goals, alternative characteristics, metrics to determine the relative performance
of alternatives against those metrics, and the overall modeling approach used to quantify
impacts.

One of the alternatives considered in the LTEMP DEIS (Alternative E) was developed by the Basin States (as the Resource-Targeted Condition-Dependent Alternative) and submitted to the joint-lead agencies. The joint-lead agencies shared initial impact analysis results and insights that were ultimately used by the Basin States to further refine Alternative E.

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The Colorado River Energy Distributors Association (CREDA) is an organization that represents consumer-owned electric systems that purchase federal hydropower and resources of the Colorado River Storage Project. While not a Cooperating Agency, CREDA, a member of the Glen Canyon Dam Adaptive Management Work Group (AMWG), submitted Alternative B, and Reclamation and NPS worked closely with CREDA to define and model resource effects of this alternative. CREDA has also participated in stakeholder meetings and provided comments on the performance metrics.

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5.1.4.3 U.S. Fish and Wildlife Service (FWS)

FWS participated in the formation and development of LTEMP alternatives, providing expertise in several workshops and webinars. FWS also worked with the joint-lead agencies and subject matter expert groups in the development of resource goals and objectives and performance metrics to evaluate the alternatives. FWS provided expertise during the development of the aquatic modeling approach used in this DEIS.

1 Reclamation and NPS consulted with FWS on the effects of the LTEMP on species listed 2 under Section 7 of the ESA. This consultation was a continuation of ongoing consultation that 3 has occurred since 1995. Reclamation has consulted with the FWS on a total of five experimental 4 actions. The Biological Opinion prepared for the LTEMP will supersede the 2011 opinion on the 5 high-flow experimental protocol and nonnative fish protocols. 6 7 8 **5.2 PUBLIC INVOLVEMENT** 9 10 Public involvement in the NEPA process is intended to give the public the chance to provide input throughout the development of a DEIS and the decision-making process for actions 11 12 with environmental effects. An objective of public involvement is to obtain information from the 13 public to assist the decision-maker (Secretary of the Interior) throughout the entire process, culminating in a Record of Decision and eventual implementation of the selected alternative. The 14 primary goals of public involvement are: 15 16 17 1. Credibility and transparency: creating an open and visible decision-making 18 process for groups with divergent viewpoints. 19 20 2. Identifying public concerns and values: providing a mechanism by which the 21 involved agencies can understand the problems, issues, and possible solutions 22 from the perspectives of the public. 23 3. Developing a consensus: providing a process for reaching a consensus on 24 25 specific actions. 26 27 In order to identify issues, address public concerns, obtain public input, and keep the 28 public informed, several opportunities were provided for public participation during the 29 preparation of this DEIS. These included an early and open public scoping process and public 30 meetings related to development of preliminary alternatives. The public scoping process is 31 described below in Section 5.2.1. 32 33 34 5.2.1 Public Scoping Process and Comments Received 35 36 The process of soliciting input from the public is called scoping. Public scoping is a 37 phase of the NEPA analysis process and was intended to give the public the chance to comment 38 on the LTEMP, recommend alternatives, and identify and prioritize the resources and issues to 39 be considered in the DEIS analyses. Consistent with CEQ requirements (40 CFR 1501.7) and 40 DOI NEPA regulations at 43 CFR Part 46, an early and open public scoping process was carried out to determine the resources or issues to be evaluated in the LTEMP DEIS, the alternatives to 41 42 be included in the LTEMP DEIS, and concerns or observations regarding Glen Canyon Dam 43 operations and downstream resources. Reclamation and NPS have considered the public scoping 44 comments in developing this DEIS. 45

1 Reclamation and NPS published a Notice of Intent (NOI) to prepare the LTEMP DEIS in 2 the Federal Register (Volume 76, page 39435) on July 6, 2011 (DOI 2011b). The NOI provided 3 initial information on the purpose and need of the LTEMP DEIS, explained the decision for 4 Reclamation and NPS to co-lead the project, and encouraged the participation of stakeholders in 5 the development of the LTEMP DEIS. The public scoping period started with the publication of 6 the NOI and ended on January 31, 2012. 7 8 Early in the scoping process, Reclamation and NPS established a website for the LTEMP 9 DEIS (http://ltempeis.anl.gov) that provided background information about the project, 10 information on public involvement, answers to frequently asked questions, and links to documents for review. During the public scoping process, a link to the project's online comment 11 12 form was provided and made available on the NPS's Planning, Environment, and Comment

"A Notice to Solicit Comments and Hold Public Scoping Meetings on the Adoption of a
Long-Term Experimental and Management Plan for the Operation of Glen Canyon Dam" was
published in the *Federal Register* (Volume 76, page 64104) on October 17, 2011 (DOI 2011c),
which provided the date, time, and place for six public meetings to be held to solicit public input
on the scope of the DEIS, including potential alternatives and issues to be addressed within the
document. Meetings were held in the following locations:

website. In addition, project updates and announcements were made available via an email

subscription list, press releases, and social media (e.g., Twitter and Facebook).

- Phoenix, Arizona (November 7, 2011)
 - Flagstaff, Arizona (November 8, 2011)
 - Page, Arizona (November 9, 2011)
 - Salt Lake City, Utah (November 15, 2011)
 - Las Vegas, Nevada (November 16, 2011)
- Lakewood, Colorado (November 17, 2011)

The notice also indicated that there would be one web-based public meeting (November 15, 2011) for those who could not attend in person. The public was also notified of the meetings via a press release, local media outlets, and an op-ed article disseminated for publication in local and regional newspapers.

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40 At the public meetings, the public could view exhibits about the project, discuss issues 41 informally and ask questions of technical experts and managers. A total of 221 people attended 42 these meetings. For the web-based meeting, the public was able to listen to, via the Internet, a 43 live overview presentation of the LTEMP DEIS and to ask questions of technical experts and 44 managers.

Glen Canyon Dam Long-Term Experimental and Management Plan Draft Environmental Impact Statement

1 A total of 447 individuals, recreational groups, environmental groups, power customers or organizations, federal and state government agencies, and other organizations provided 2 3 scoping comments on the LTEMP DEIS. Although no formal campaign letters were received, 4 some commenters chose to incorporate in their submissions entire letters or portions of letters 5 from various other commenting organizations. 6

7 Comments received during the public scoping period covered a wide range of topics and 8 issues and represented a variety of views and interpretations. Comments addressed various 9 aspects of the proposed action, including the purpose and need (as stated in the July 6, 2011, NOI 10 [DOI 2011b]); environmental issues; dam operations and hydropower; geographic and temporal scope; policy and regulatory concerns; LTEMP approach and considerations; alternatives; other 11 issues; and stakeholder involvement. A detailed summary of comments received can be found in 12 13 Summary of Public Scoping Comments on the Glen Canvon Dam Long-Term Experimental and 14 Management Plan Environmental Impact Statement (Argonne 2012), available on the LTEMP 15 website (http://ltempeis.anl.gov).

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17 In general, the most frequent topic for comments on the LTEMP DEIS was related to 18 environmental issues. Comments and concerns frequently raised by the public included 19 restoration of the downstream Colorado River ecosystem; reestablishment of ecosystem patterns 20 and processes to their pre-dam range of natural variability; elimination or minimization of further 21 beach erosion; facilitation of sediment redeposition; in situ maintenance and preservation of the 22 integrity of cultural and archeological resources; elimination of adverse impacts on and 23 assistance in the recovery of native species; nonnative fish management; and assistance in repropagation of native riparian plant communities. 24

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5.2.2 Public Meetings on Alternatives

29 Members of the public were invited to participate in a 2-day open public meeting on 30 preliminary alternative concepts, hosted by Reclamation and the NPS. The meeting was held on 31 April 4 and 5, 2012, at the High Country Conference Center in Flagstaff, Arizona. More than 32 70 people attended the meeting, including members of the public, stakeholders, and project staff 33 from Reclamation, NPS, and Argonne. 34

- 35 During this meeting, alternatives being considered for inclusion in the LTEMP DEIS 36 were presented and discussed. Stakeholders and other attendees who had alternatives to propose 37 were able to present those ideas at the meeting; four individuals representing different 38 stakeholder groups presented their ideas. Following the presentations, meeting attendees broke 39 into smaller groups and focused on evaluating and refining the preliminary alternative concepts. 40 These small groups reported their discussions in an open forum during the meeting.
- 41

42 Reclamation and NPS evaluated the feedback received at this meeting and used it to 43 develop the final set of alternatives considered in this DEIS (discussed in detail in Chapter 2). 44 Maintaining that all alternatives meet the purpose and need of the proposed action, this 45 evaluation resulted in new alternative concepts, the modification of existing concepts, and the 46 combination of some concepts into single alternatives.

Regular updates of the LTEMP DEIS process were provided at public meetings of the
Glen Canyon Dam AMWG. LTEMP DEIS joint leads regularly presented the status of
preliminary DEIS-related materials (e.g., purpose and need, resource goals, and preliminary draft
alternatives) and coordination activities with the Cooperating Agencies. These meetings are
described in more detail in Section 5.2.3.

5.2.3 Glen Canyon Dam Adaptive Management Working Group

10 The Glen Canyon Dam AMWG is a federal advisory committee. As an advisory committee, the AMWG has provided a forum for discussion of key issues related to the operation 11 12 of Glen Canyon Dam among the federal agencies, Indian Tribes, environmental groups, 13 recreational interest groups, federal power purchase contractors, and other stakeholders who 14 have interests in the resources of the Colorado River. AMWG members meet several times 15 throughout the year to discuss competing issues on how to protect downstream resources and 16 strike a wise balance on river operations. Their recommendations are regularly provided to the 17 Secretary by the Secretary's Designee, who often brings these competing issues to a consensus 18 (Reclamation 2014d). 19

Separate meetings regarding the LTEMP DEIS have been held with the Glen Canyon
AMWG because of its status as a Federal Advisory Committee. These meetings occurred on
February 18–22, 2013, May 8, 2013, August 8–9, 2013, February 18–20, 2014, May 27, 2014,
August 27–28, 2014, February 25–26, 2015, and May 28, 2015. These meetings were conducted
to provide an explanation of alternatives, performance criteria, and SDA; conduct swingweighting exercises; answer budget questions; and provide general status updates.

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28 **5.3 DISTRIBUTION OF THE LTEMP DEIS**

The LTEMP DEIS was mailed to Region 9 of the U.S. Environmental Protection Agency
and to each of the Governors, Senators, and Representatives from relevant Congressional
districts of the seven Colorado River Basin States (Arizona, California, Colorado, Utah, Nevada,
New Mexico, and Wyoming). An email notification of the availability of the DEIS for download
from the project website (www.ltempeis.gov) was sent to approximately 600 members of the
public who had signed up for notification during the scoping period.

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