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6 **IN THE UNITED STATES DISTRICT COURT**
7 **FOR THE DISTRICT OF ARIZONA**
8

9 Gregory Yount, et al.,
10 Plaintiffs,
11 v.
12 Kenneth Lee Salazar, et al.,
13 Defendants.
14

No. CV11-8171 PCT-DGC
CV12-8038 PCT DGC
CV12-8042 PCT DGC
CV12-8075 PCT DGC

ORDER

15 This case concerns a withdrawal by the Secretary of the Interior of more than one
16 million acres of federal land from uranium mining. The withdrawn land surrounds Grand
17 Canyon National Park and includes a North Parcel of approximately 550,000 acres, an
18 East Parcel of approximately 135,000 acres, and a South Parcel of some 322,000 acres.
19 The withdrawal will close these lands to the exploration and development of uranium
20 mining claims for 20 years, although mining of a few existing claims will be permitted.
21 Plaintiffs in this case include counties, associations, companies, and an individual with
22 interests in uranium mining. They ask the Court to set aside the withdrawal as illegal
23 under several federal statutes.

24 Motions for summary judgment have been filed by Plaintiffs American
25 Exploration & Mining Association (“AEMA”) and Gregory Yount (Doc. 167), Plaintiffs
26 Nuclear Energy Institute and National Mining Association (“NEI and NMA”) (Doc. 170),
27 and Plaintiffs Arizona Utah Local Economic Coalition (“the Coalition”) and Quaterra
28 Resources, Inc. (Doc. 173). Defendant United States and Defendant-Intervenors Center

1 for Biological Diversity, Grand Canyon Trust, Havasupai Tribe, National Parks
2 Conservation Association, and the Sierra Club (collectively “Defendants”) have filed
3 cross-motions for summary judgment. Docs. 198, 208. The Court heard oral argument
4 on September 9, 2014. For reasons that follow, the Court will grant summary judgment
5 in favor of Defendants and not set aside the Secretary’s withdrawal decision.

6 **I. Background.**

7 Lands around the Grand Canyon have seen mining activity since the late 1800s.
8 AR 84. When President Theodore Roosevelt created the Grand Canyon Preserve in
9 1906, he withdrew much of the land from mining, but mines were opened on land
10 surrounding the canyon when uranium deposits were discovered in the 1940s and 1950s.
11 AR 2. Uranium near the canyon is found in breccia pipes – pipe-shaped mineral deposits
12 that extend thousands of feet underground. Five of these pipes were mined for uranium
13 in the 1950s, with the Orphan Mine producing more than 2,000 tons of uranium between
14 1952 and 1969. AR 84. Exploration increased when uranium prices spiked in the 1970s.
15 AR 2. Much of the exploration was in the North Parcel. AR 84.

16 During the 1970s, the U.S. Geological Survey (“USGS”) began studying uranium
17 deposits in the area and produced maps detailing breccia pipe deposits. In the 1980s and
18 1990s, six new uranium mines produced almost 1.5 million tons of uranium and more
19 than 900 exploration holes were drilled in the Tusayan Ranger District. AR 2.

20 Many of the uranium mines were put on standby status when the price of uranium
21 dropped in the 1990s, but a price rise in 2004, followed by a surge to more than \$130 per
22 pound in 2007, prompted renewed interest in uranium mining and thousands of new
23 mining claims were located. AR 3. These new claims prompted concerns about the
24 potential impact of uranium mining on the Grand Canyon watershed and led Arizona
25 Congressman Raúl Grijalva to introduce legislation that would permanently withdraw
26 more than one million acres around the canyon from mining. *Id.*

27 On July 21, 2009, Interior Secretary Ken Salazar published a notice of intent to
28 withdraw 633,547 acres of public lands and 360,002 acres of National Forest land for up

1 to 20 years from location and entry under the Mining Law of 1872. *See* Notice of
2 Proposed Withdrawal, 74 Fed. Reg. 35,887 (July 21, 2009). The notice had the
3 immediate effect of withdrawing the lands for a period of two years to permit analysis
4 and study under the National Environmental Protection Act (“NEPA”). The Bureau of
5 Land Management (“BLM”) published a notice of its intent to prepare an Environmental
6 Impact Statement (“EIS”), with the stated purpose “to protect the Grand Canyon
7 watershed from adverse effects of locatable mineral exploration and mining, except for
8 those effects stemming from valid existing rights.” 74 Fed. Reg. 43,152-53 (Aug. 26,
9 2009).

10 In accordance with NEPA, BLM issued its Draft EIS (“DEIS”) on February 18,
11 2011 (76 Fed. Reg. 9,594), and, after an extended comment period, issued its Final EIS
12 (“FEIS”) on October 27, 2011 (76 Fed. Reg. 66,747). The Department of the Interior
13 (“DOI”) issued a Record of Decision (“ROD”) on January 9, 2012, which withdrew
14 1,006,545 acres from mining pursuant to the Federal Land Policy and Management Act
15 (“FLPMA”), 43 U.S.C. § 1714. AR 1-23. This 2012 decision, referred to in this order as
16 “the Withdrawal,” is challenged by Plaintiffs in this case.

17 On January 8, 2013, the Court granted in part and denied in part Defendants’
18 motions to dismiss several claims for lack of standing. Doc. 87. The Court dismissed all
19 claims under NEPA brought by Plaintiffs Yount, AEMA, and Quatterra, leaving only
20 NEPA claims by NEI, NMA, and the Coalition. Plaintiffs’ claims under the FLPMA and
21 the Administrative Procedures Act (“APA”) remain. Plaintiff Yount also alleges that the
22 Withdrawal’s stated purpose of protecting the cultural and religious heritage of Native
23 American tribes violates the Establishment Clause of the United States Constitution.
24 Doc. 27, ¶ 144-148.

25 **II. The Withdrawal Decision.**

26 The Secretary decided to proceed with the Withdrawal after evaluating possible
27 effects of uranium mining in the DEIS and FEIS. These documents included a detailed
28 analysis of four different alternatives: (a) no withdrawal of land from uranium mining,

1 referred to in the FEIS as the “no action” alternative; (b) withdrawal of the proposed
2 1,006,545 acres; (c) withdrawal of 648,802 acres; and (d) withdrawal of 292,086 acres.
3 AR 13-14. Before selecting these alternatives, BLM considered other possible courses of
4 action including a shorter withdrawal period of 10 years, a withdrawal limited to lands
5 with a low mineral potential, phased mining, a permanent withdrawal, a change in federal
6 law to provide additional environmental protections, and the adoption of new mining
7 regulations. BLM eliminated each of these alternatives before preparing the FEIS, and
8 the Secretary ultimately selected the full withdrawal alternative. AR 14-15.

9 In preparation for the EIS, the Secretary directed USGS to prepare a scientific
10 report on various issues raised by the proposed withdrawal. In response, the USGS
11 prepared Scientific Investigations Report 2010-5025 (the “USGS Report”). AR 57-415.
12 With this report in hand, BLM prepared the DEIS and published it in February 2011 for a
13 45-day public comment period. The public comment period was later extended to 75
14 days, and more than 296,000 comments were received. BLM also hosted four public
15 meetings and held community meetings with various tribes to discuss the DEIS. AR 17.

16 The DEIS, FEIS, and ROD relied heavily on the USGS Report. In the report,
17 USGS analyzed soil and sediment samples at six sites that experienced various levels of
18 uranium mining north of the Grand Canyon, including reclaimed uranium mine sites,
19 approved sites where mining was temporarily suspended, and exploratory sites that were
20 drilled but not mined. Uranium and arsenic were consistently detected in these areas at
21 levels above natural background. AR 9. Samples from 15 springs and five wells in the
22 region contained dissolved uranium concentrations greater than EPA maximum
23 concentrations for drinking water. USGS was uncertain whether these concentrations
24 resulted from mining, natural processes, or both. *Id.* USGS also found that floods, flash
25 floods, and debris flows caused by winter storms and intense summer thunderstorms
26 transported substantial volumes of trace elements and radionuclides. *Id.*

27 USGS also evaluated an additional 1,014 water samples from 428 sites and found
28 that about 70 sites exceeded the primary or secondary maximum contaminant levels for

1 certain major ions and trace elements such as arsenic, iron, lead, manganese, radium,
2 sulfate, and uranium. AR 10. USGS noted that fractures, faults, sinkholes, and breccia
3 pipes occur throughout the area and are potential pathways for downward migration of
4 contaminants, but concluded that a more thorough investigation is required to understand
5 groundwater flow paths, travel times, and contributions from mining. AR 9-10.

6 In addition to this analysis of potential contamination, the FEIS found that the “no
7 action” alternative would result in significantly more mining activity than would occur
8 under the full Withdrawal: 19 more uranium mines, 211,280 more ore truck trips, 16
9 more miles of power lines, 1,200 more acres disturbed for mining, and 200,000,000 more
10 gallons of water used in mining. AR 2774. This was true even though some uranium
11 mining would continue under the Withdrawal. *Id.*

12 One common problem was encountered by all of the withdrawal studies: the size
13 of the proposed withdrawal area and its location as remote forest and rural land meant
14 that relatively little data was available for analysis. The FEIS and ROD acknowledged
15 this lack of information. *See, e.g.*, AR 9; AR 2070-71. In particular, these documents
16 noted uncertainty about the potential impacts of uranium mining on perched and deep
17 aquifers, including the R-aquifer (the principal aquifer in the area), and about the effects
18 of increased radionuclide exposure on plants and animals. AR 10.

19 In the face of these uncertainties, the FEIS and ROD adopted “a cautious and
20 careful approach.” AR 9. This approach was deemed warranted for several reasons,
21 expressed in these words by the ROD:

22
23 Crafted by the immense power of the Colorado River, the
24 Grand Canyon and the greater ecosystem that surrounds it
25 have long been recognized as one of the Nation’s most
26 treasured landscapes. The area is known as a home or sacred
27 place of origin to many Native Americans, including the
28 Havasupai, Hualapai, Navajo, Hopi, Zuni, Southern Paiute,
and others, and its cultural significance goes back thousands
of years. . . . The Park is a world heritage site and an
international icon.

1 * * *

2 The Grand Canyon and the greater ecosystem surrounding it
3 is a cornerstone of the region's economy with hunting,
4 fishing, tourism, and other outdoor recreation generating
5 billions of dollars in economic activity in the area. Millions
6 of people living in seven states in the U.S. and in Mexico
7 depend upon the Colorado River for water for drinking,
8 irrigation, and individual use, as well as for hydropower.

9 AR 4-5.

10 The FEIS ultimately found that the risk of groundwater contamination from
11 uranium mining was low, but that the possible consequences of such contamination were
12 severe. AR 9. Faced with even a remote prospect of severe contamination in waters
13 adjacent to the Grand Canyon, DOI chose to err on the side of caution. It elected to
14 proceed with the full Withdrawal for a period of 20 years.

15 In addition to risks of groundwater contamination, the ROD opted for the full
16 Withdrawal because “[a]ny mining within the sacred and traditional places of tribal
17 people may degrade the values of those lands to the tribes who use them.” AR 9, 11.
18 The ROD also found that “[t]he volume of truck traffic expected without a withdrawal
19 could create a major cumulative effect to visual resources resulting from dust emissions
20 of vehicle passage.” AR 11. The ROD further noted that even with the Withdrawal in
21 place, up to eleven uranium mines would be permitted to operate in the withdrawn area
22 on the basis of existing claims, a pace of development “roughly equivalent to the pace of
23 development that occurred during the peak of uranium interest during the 1980s.” AR 9.
24 Thus, “even with a full withdrawal, the economic benefits of continued uranium mining
25 could still be realized by local communities.” AR 11. The ROD noted that “[w]hile the
26 lands are withdrawn, studies can be initiated to help shed light on many of the
27 uncertainties identified by USGS in [the USGS Report] and by BLM in the EIS.” *Id.*

28 **III. Standing.**

Defendants argue that Plaintiffs NEI, NMA, and the Coalition cannot establish

1 standing for the remaining NEPA claims. To establish Article III standing, a plaintiff
2 must show “that he has suffered ‘injury in fact,’ that the injury is ‘fairly traceable’ to the
3 actions of the defendant, and that the injury will likely be redressed by a favorable
4 decision.” *Bennett v. Spear*, 520 U.S. 154, 162 (1997). Plaintiffs must also show
5 prudential standing, which examines whether “a particular plaintiff has been granted a
6 right to sue by the statute under which he or she brings suit.” *City of Sausalito v. O’Neill*,
7 386 F.3d 1186, 1199 (9th Cir. 2004). Prudential standing analysis historically has
8 required NEPA plaintiffs to show that their alleged injury falls within NEPA’s zone of
9 interests. *Ocean Advocates v. U.S. Army Corps of Engineers*, 402 F.3d 846, 861 (9th Cir.
10 2005).

11 The Supreme Court’s recent decision in *Lexmark Int’l, Inc. v. Static Control*
12 *Components, Inc.*, 134 S. Ct. 1377, 1387 (2014), has changed the terms of discussion for
13 prudential standing. It explained that “prudential standing is a misnomer as applied to the
14 zone-of-interests analysis,” and recast the test as a matter of statutory interpretation
15 “which asks whether this particular class of persons ha[s] a right to sue under this
16 substantive statute.” *Id.* *Lexmark* directs courts to “determine the meaning of the
17 congressionally enacted provision creating a cause of action.” *Id.* at 1388.

18 **A. NEI and NMA.**

19 Defendants argue that NEI and NMA’s alleged injury is speculative, that the
20 injury does not fall within NEPA’s zone of interest, and that any claim that the injury is
21 environmental as opposed to economic is a pretext. Doc. 198 at 29-31.¹ In its ruling on
22 Defendants’ motion to dismiss, the Court engaged in a lengthy analysis of Plaintiffs’
23 standing. Doc. 87. The Court found that NEI and NMA had shown Article III standing
24 because the Withdrawal imposed expensive and years-long examination processes on
25 their members and reduced the value of existing mining claims and claim investments.
26 *Id.* at 8. The Court noted that private economic losses due to governmental action are

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28 ¹ Citation to documents in the Court’s docket will be to page numbers added to the
top of each page by the Court’s CMECF system, not to page numbers at the bottom of
each page.

1 routinely found sufficient to show injury for purposes of Article III standing. *Id.* The
2 Court stands by this decision. NEI and NMA have clearly shown that their members
3 suffered financial harm as a result of the Withdrawal. *Id.* at 6-10.

4 In assessing whether injury to NEI and NMA fell within NEPA's zone of interest,
5 the Court found that NEI and NMA had alleged a link between the Withdrawal and an
6 environmental injury that, if supported, would bring them within NEPA's zone of
7 interests. *Id.* at 31. Specifically, NEI and NMA claimed to have environmental interests
8 in reducing aggregate mining impacts by conducting environmentally responsible mining
9 operations. They alleged that mining rich breccia pipes found around the Grand Canyon
10 produces less environmental disturbance than mining lower quality uranium ore in other
11 locations, and that the Withdrawal therefore would force them to engage in more
12 environmentally harmful mining. Taking these allegations as true, the Court found that
13 NEI and NMA had identified an injury within NEPA's zone of interests. *Id.* The Court
14 also observed that the cases cited by Defendants arose at the summary judgment stage,
15 not the pleading stage. *Id.* This case is now at the summary judgment stage, and
16 Plaintiffs must present proof – and not merely allege – that they have standing. *Lujan v.*
17 *Defenders of Wildlife*, 504 U.S. 555, 561 (1992) (“In response to a summary judgment
18 motion . . . the plaintiff can no longer rest on such “mere allegations,” but must “set
19 forth” by affidavit or other evidence “specific facts[.]”).

20 Purely economic injuries do not fall within NEPA's zone of interests. *Ashley*
21 *Creek Phosphate Co. v. Norton*, 420 F.3d 934, 940 (9th Cir. 2005). But this does not
22 mean that plaintiffs who assert economic injuries are precluded from bringing suit under
23 NEPA. A plaintiff can sue under NEPA “even if his or her interest is primarily
24 economic, as long as he or she also alleges an environmental interest or economic injuries
25 that are ‘causally related to an act within NEPA’s embrace.’” *Ranchers Cattlemen Action*
26 *Legal Fund United Stockgrowers of Am. v. U.S. Dep't of Agric.*, 415 F.3d 1078, 1103 (9th
27 Cir. 2005), as amended (Aug. 17, 2005).

28 In its previous order, the Court noted that the parties had cited no authority for the

1 proposition that a plaintiffs' environmental injury must also satisfy the requirements of
2 Article III standing. Doc. 87 at 32-33. The Court therefore held that NEI and NMA "can
3 satisfy Article III standing by their members' very real economic injuries discussed
4 above, and satisfy NEPA prudential standing by the environmental interests they and
5 their members possess in limiting the disruptive effects of uranium mining." *Id.* at 33. In
6 other words, the Court found that one of their injuries (economic harm caused by the
7 Withdrawal) could satisfy Article III standing, while a different injury (being forced to
8 engage in more environmentally disruptive mining) could satisfy NEPA.

9 The Court now concludes that this was error. In this round of briefing, Defendants
10 have cited case law holding that "the injury that supplies constitutional standing must be
11 the same as the injury within the requisite 'zone of interests' for purposes of prudential
12 standing." *Mountain States Legal Found. v. Glickman*, 92 F.3d 1228, 1231 (D.C. Cir.
13 1996); *see also Douglas Timber Operators, Inc. v. Salazar*, 774 F. Supp. 2d 245, 256
14 (D.D.C. 2011) (same). The Ninth Circuit appears to have applied the same requirement
15 in a recent unpublished opinion, holding that the plaintiff could not bring suit under
16 NEPA because the plaintiff's "economic injury . . . suffices for Article III standing but
17 does not fall within NEPA's zone of interests . . . [and Plaintiff's] environmental injury
18 . . . is within NEPA's zone of interests but will not be redressed by a favorable decision
19 [and thus does not satisfy Article III standing]." *Oberdorfer v. Jewkes*, No. 12-36082,
20 2014 WL 3644015 *1 (9th Cir. July 24, 2014). In other words, Article III standing and
21 the NEPA zone of interests test must be satisfied by the same injury. *See Mountain*
22 *States*, 92 F.2d at 1231 ("[I]f plaintiffs established an interest sufficiently aligned with the
23 purposes of the ESA for prudential standing, but failed to show (for example) an
24 adequate causal relation between the agency decision attacked and any injury to that
25 interest, we could not adjudicate the claim – even if plaintiffs had constitutional standing
26 with respect to some other interest that was outside the requisite 'zone.'").

27 Neither *Mountain States* nor *Oberdorfer* provides any rationale for the
28 requirement that one injury must satisfy both forms of standing. *Mountain States*

1 describes the requirement as “obvious,” but also notes that it could find no other case that
2 adopted it. 92 F.3d at 1231. And *Oberdorfer* cites no authority for this requirement.

3 The Court concludes, nonetheless, that the single-injury requirement makes sense.
4 In *Lexmark*, the Supreme Court explained that whether a plaintiff comes within a
5 statute’s zone of interests requires courts “to determine, using traditional tools of
6 statutory interpretation, whether a legislatively conferred cause of action encompasses a
7 particular plaintiff’s claim.” 134 S. Ct at 1387. The focus is on legislative intent. In this
8 case, the stated purpose of NEPA is entirely environmental – to “promote efforts which
9 will prevent or eliminate damage to the environment and biosphere[.]” 42 U.S.C. § 4321.
10 “Section 101 of NEPA declares a broad national commitment to protecting and
11 promoting environmental quality.” *Robertson v. Methow Valley Citizens Council*, 490
12 U.S. 332, 348 (1989). Given *Lexmark*’s focus on legislative intent and the exclusively
13 environmental purposes of NEPA, it makes sense to require that the gravamen of
14 Plaintiffs’ complaint – the wrong that brings them to court – must fall within NEPA’s
15 zone of interests. Requiring that a concrete, Article III injury fall within that zone of
16 interests will ensure that the animating wrong asserted by Plaintiffs comports with the
17 environmental purposes for which NEPA was enacted. The claims will align with
18 congressional intent – the primary consideration after *Lexmark*.

19 The Court will follow *Mountain States* and *Oberdorfer*. To pursue a claim under
20 NEPA, “the injury that supplies constitutional standing must be the same as the injury
21 within the requisite ‘zone of interests.’” *Mountain States*, 92 F.3d at 1231.²

22 NEI and NMA do not satisfy this requirement. Their economic injury – the
23 expensive and lengthy claim examination process and the loss of value in existing claims
24 and investments – satisfies Article III standing because it constitutes injury in fact, is
25 traceable to the Withdrawal, and likely would be redressed if the Court were to set aside

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27 ² NEPA does not afford a private right of action, but courts hold that an aggrieved
28 party can obtain review under the APA for violations of NEPA provided their claims fall
within NEPA’s zone of interests. *Ashley Creek*, 420 F.3d at 939; *Ocean Advocates*, 402
F.3d at 861.

1 the Withdrawal. *Lujan*, 504 U.S. at 560. But the injury is a purely economic injury and
2 therefore does not fall within NEPA's zone of interests. *Ashley Creek*, 420 F.3d at 940.

3 Conversely, NEI and NMA's environmental injury – being forced to engage in
4 more environmentally disruptive mining – falls within NEPA's zone of interests, but it is
5 not a concrete injury sufficient to satisfy Article III. NEI and NMA rely on the affidavit
6 of a Vice President of Mining at Uranium One, a member of both NEI and NMA.
7 Doc. 171-1 at 5-8. The affidavit describes uranium claims held by Uranium One in Utah
8 and asserts generally that they are of lower quality and more difficult to mine than
9 breccia pipes. But the affidavit fails to provide any concrete evidence regarding when,
10 how, or even whether Uranium One will actually mine these deposits. *Id.* The affidavit
11 states that Uranium One “is still deciding which of its uranium deposits at other sites it
12 will mine.” *Id.*, ¶ 7. Because the affidavit does not state that such mining will occur and
13 provides no specific information about the grade of the uranium to be mined or what
14 environmental impacts would result from mining it, NEI and NMA have failed to show
15 that they are “imminently threatened with a concrete and particularized ‘injury in fact’”
16 as a result of the need to mine less concentrated uranium ore. *Lexmark*, 134 S. Ct. at
17 1386. Their alleged environmental harm therefore does not satisfy the injury-in-fact
18 requirement for Article III standing. *Id.*

19 In short, NEI and NMA fail to establish a single injury that both satisfies the
20 requirements of Article III and falls within NEPA's zone of interests. They therefore
21 cannot assert a NEPA claim under the requirement recognized in *Mountain States* and
22 *Oberdorfer*. The Court will enter summary judgment on NEI and NMA's NEPA claims.

23 **B. The Coalition.**

24 In ruling on the motions to dismiss, the Court found that the Coalition had
25 standing to bring NEPA claims on behalf of its member Mohave County. Doc. 87. The
26 Court engaged in an extensive analysis of the County's proprietary interests and
27 procedural injury (*id.* at 16-24), and found that these interests and injuries satisfied
28 Article III standing requirements and fell within NEPA's zone of interests under cases

1 such as *Douglas Cnty. v. Babbitt*, 48 F.3d 1495 (9th Cir. 1995), and *City of Davis v.*
2 *Coleman*, 521 F.2d 661, 672 (9th Cir. 1975) (Doc. 87 at 45). Defendants do not
3 challenge most of this analysis in their motion for summary judgment. They instead
4 argue that the County (and therefore the Coalition) lacks standing because its injury is
5 speculative and it failed to raise its environmental concerns before the agency. The Court
6 disagrees with both assertions.

7 The Coalition has shown that Mohave County “has a mandate to retain
8 environmental quality and to capitalize on its wealth of natural, built and human
9 resources.” 12-cv-8075, Doc. 30, ¶ 24.³ As stated in the County’s General Plan, this
10 mandate includes “the ‘growth of communities that maintain the health and integrity of
11 its valuable environmental features’; the protection of ‘wetlands, washes, aquifer
12 recharge areas, areas of unique flora and fauna, and areas with scenic, historic, cultural
13 and recreational value’; and avoiding industrial development that has the ‘undesired
14 effect of increasing air pollution.’” *Id.*

15 The Coalition has also shown that the Withdrawal will reduce Mohave County’s
16 available funds to pave its roads (thereby reducing dust and erosion) and protect desert
17 tortoise habitat. Doc. 72-2, ¶¶ 27, 32-34; Doc. 188-6, ¶¶ 7, 14-28. Projected state
18 revenues that flow to Mohave County from the mining industry will be reduced as a
19 result of the Withdrawal. The Coalition has presented evidence that, but for the
20 Withdrawal, “there would be over a 40-year period: 1,078 new jobs in the project area;
21 \$40 million annually from payroll; \$29.4 billion in output; \$2 billion in federal and state
22 corporate income taxes; \$168 million in state severance taxes; and \$9.5 million in mining
23 claims payments and fees to local governments.” 12-cv-8075, Doc. 30, ¶ 127; *see also*
24 Doc. 72-2 at 13-14, ¶¶ 36-37. Loss of the county’s share of this revenue will impair its
25 ability to pave its 1,277 miles of unpaved roads and manage its desert tortoise habitat,
26 both stated goals of its Land Use Plan. 12-cv-8075, Doc. 30, ¶¶ 25-31.

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28 ³ Citations to pleadings filed before the cases were consolidated are preceded by
the original case number.

1 Defendants argue that these environmental injuries are speculative because the
2 County's declarations merely assert that increased mining revenues "could" be devoted to
3 these purposes. The Court does not agree. The Coalition has presented evidence that
4 improved air quality through the paving and maintenance of dirt roads and improved
5 conservation efforts for the desert tortoise habitat are existing objectives in the County's
6 written plans, (Doc. 188-6, ¶¶ 17, 19-21, 23-25); that the Coalition sought the NEPA-
7 mandated dialogue with BLM to reconcile the Withdrawal decision with these existing
8 County plans, (*id.* at ¶¶ 29-30); and that the County will, as a result of the Withdrawal,
9 experience a significant reduction in revenues that could be applied to all County
10 objectives, including the existing environmental objectives, (*id.* at ¶¶ 9-13). The Court
11 does not find these injuries speculative or pretextual.

12 Nor is the Court persuaded by the government's contention that the County cannot
13 assert its environmental interests in this case because it failed to assert them during the
14 EIS process. Buster Johnson's declarations state that BLM did not allow local
15 governments to submit supplemental economic data about how the Withdrawal would
16 affect their communities, disregarded Mohave County's comprehensive plan and its
17 environmental protections, and ignored notices and invitations from Coalition members
18 demanding reconciliation of inconsistencies between the Withdrawal and their local plans
19 and policies. Docs. 72-2 at 9-10; 188-6, ¶¶ 28-35. "Mohave County requested BLM to
20 coordinate on land use as a way to resolve the inconsistencies and to minimize harm to its
21 interests in managing roads and air quality, and being in a position to fund other land use
22 and environmental projects, such as desert tortoise protection." Doc. 188-6, ¶ 28 (citing
23 A.R. 56740, 56743-44). This evidence is sufficient to show that the Coalition raised
24 issues within the NEPA zone of interests during the NEPA process. The Coalition has
25 satisfied the zone of interests test and shown its standing to pursue claims under NEPA.

26 **IV. NEPA Claims.**

27 In light of these standing rulings, the Court will address the following NEPA
28 claims brought by the Coalition: that BLM violated the NEPA requirements of adequate

1 consultation with local governments (12-cv-8075, Doc. 30, ¶¶ 150-58), and that the FEIS
2 failed to address scientific controversies including disputes regarding the impacts of
3 uranium mining on water resources, the estimates of the uranium endowment, the amount
4 and distribution of mineable uranium, and the adverse economic impacts of the
5 Withdrawal on Arizona and its communities (*id.* at ¶¶ 159-64). Although some of these
6 arguments are addressed in NEI and NMA’s motion for summary judgment, they were
7 incorporated by reference in the Coalition’s motion and raised in its complaint. The
8 Court will not address NEI and NMA’s arguments about BLM’s alleged failure to
9 consider adequate alternatives (Doc. 170 at 4-12) because the Coalition did not make that
10 NEPA claim in its complaint (12-cv-8075, Doc. 30, ¶ 57).

11 **A. Standard of Review.**

12 **1. NEPA Claims.**

13 “NEPA is our basic national charter for protection of the environment.” *Ctr. for*
14 *Biological Diversity v. Nat’l Highway Traffic Safety Admin.*, 538 F.3d 1172, 1185 (9th
15 Cir. 2008) (internal quotes omitted). “NEPA seeks to make certain that agencies will
16 have available, and will carefully consider, detailed information concerning significant
17 environmental impacts, and that the relevant information will be made available to the
18 larger [public] audience.” *N. Idaho Cmty. Action Network v. U.S. Dep’t of Transp.*, 545
19 F.3d 1147, 1153 (9th Cir. 2008) (internal quotes omitted) (citing *Robertson v. Methow*
20 *Valley Citizens Council*, 490 U.S. 332, 349, (1989)).

21 NEPA’s “requirements are procedural.” *City of Carmel-By-The-Sea v. U.S. Dept.*
22 *of Transp.*, 123 F.3d 1142, 1150 (9th Cir. 1997) (citing *Laguna Greenbelt, Inc. v. U.S.*
23 *Dept. of Transp.*, 42 F.3d 517, 522 n.1 (9th Cir. 1994)). The statute establishes factors to
24 be considered in agency action, but does not mandate a particular substantive result. *Id.*
25 (citing *Vermont Yankee Nuclear Power Corp. v. Natural Res. Def. Council, Inc.*, 435 U.S.
26 519, 558 (1978)). In reviewing compliance with NEPA, a court will not substitute its
27 judgment for that of the agency “concerning the wisdom or prudence of a proposed
28 action.” *Oregon Env’tl. Council v. Kunzman*, 817 F.2d 484, 492 (9th Cir. 1987). Instead,

1 the court will “defer to an agency’s decision that is ‘fully informed and well-considered’”
2 and does not constitute a “clear error of judgment.” *Blue Mountains Biodiversity Project*
3 *v. Blackwood*, 161 F.3d 1208, 1211 (9th Cir. 1998) (citations omitted).

4 A key procedural requirement of NEPA is the preparation of an EIS. *City of*
5 *Carmel-By-The-Sea*, 123 F.3d at 1150. In reviewing an EIS, courts apply a “rule of
6 reason” and determine whether the EIS contains “a reasonably thorough discussion of the
7 significant aspects of the probable environmental consequences.” *Id.* (quoting *Idaho*
8 *Conservation League v. Mumma*, 956 F.2d 1508, 1519 (9th Cir. 1992)). NEPA does not
9 require courts to “settle disputes between scientists, [but rather] dictates that [courts]
10 defer to agency opinion if it is not otherwise shown to be arbitrary or capricious.” *Id.* at
11 1151-52 (*Marsh v. Oregon Natural Res. Council*, 490 U.S. 360, 377 (1989) (“Because
12 analysis of the relevant documents ‘requires a high level of technical expertise,’ we must
13 defer to ‘the informed discretion of the responsible federal agencies.’”) (quoting *Kleppe*
14 *v. Sierra Club*, 427 U.S. 390, 412 (1976))).

15 2. APA Review.

16 In applying NEPA, the Court must evaluate the Withdrawal decision under the
17 APA. *See Akiak Native Cmty. v. USPS*, 213 F.3d 1140, 1146 (9th Cir. 2000). The Court
18 may set aside DOI’s decision only if it is “arbitrary, capricious, an abuse of discretion, or
19 otherwise not in accordance with law.” 5 U.S.C. § 706(2)(A). Agency action should be
20 overturned only when the agency has “relied on factors which Congress has not intended
21 it to consider, entirely failed to consider an important aspect of the problem, offered an
22 explanation for its decision that runs counter to the evidence before the agency, or is so
23 implausible that it could not be ascribed to a difference in view or the product of agency
24 expertise.” *Motor Vehicle Mfrs. Ass’n of U.S., Inc. v. State Farm Mut. Auto. Ins. Co.*, 463
25 U.S. 29, 43 (1983). “This standard of review is highly deferential, presuming the agency
26 action to be valid and affirming the agency action if a reasonable basis exists for its
27 decision.” *Nw. Ecosystem Alliance v. U.S. Fish & Wildlife Serv.*, 475 F.3d 1136, 1140
28 (9th Cir. 2007) (internal quotes and citation omitted).

1 **3. Plaintiffs' Arguments.**

2 Plaintiffs' motions and responses identify numerous alleged deficiencies in the
3 USGS Report, FEIS, and ROD. The briefs often delve into minute detail, taking issue
4 with specific facts BLM did or did not consider and arguing that conclusions drawn from
5 the evidence are flawed. The Court seeks to address all of Plaintiffs' arguments, but it
6 will not do so in the detail set forth in Plaintiffs' scores of pages of briefing.

7 As noted, the Court must apply a "rule of reason" and ask whether an EIS contains
8 a "reasonably thorough discussion of the significant aspects of the probable
9 environmental consequences." *Oregon Envtl. Council v. Kunzman*, 817 F.2d 484, 492
10 (9th Cir. 1987) (citation omitted). Reasonable thoroughness, not correct-in-every-detail,
11 is the standard. Courts should not "fly speck" an EIS and "hold it insufficient on the
12 basis of inconsequential, technical deficiencies." *Earth Island Inst. v. U.S. Forest Serv.*,
13 697 F.3d 1010, 1020 (9th Cir. 2012) (quoting *Oregon Envtl. Council*, 817 F.2d at 492).

14 **B. Failure to Consult with State and Local Governments.**

15 NEPA requires federal agencies to "cooperate with State and local agencies to the
16 fullest extent possible to reduce duplication between NEPA and State and local
17 requirements." 40 C.F.R. § 1506.2(b). Such cooperation should include joint planning,
18 environmental research and studies, public hearings, and environmental assessments. *Id.*
19 The Coalition argues that BLM did not make the NEPA process meaningful and that
20 comments of Coalition members "were dismissed and most of the important cooperating
21 agency meetings occurred without state and local governments." Doc. 214 at 33.

22 The record shows that BLM granted Coconino and Mohave Counties cooperating
23 agency status in the EIS process, as well as Kane, San Juan, and Washington Counties in
24 Utah. AR 1630-31. Defendants note that BLM provided these counties with several
25 opportunities to participate in the NEPA process, including holding two public scoping
26 meetings, five meetings with cooperating agencies, and three meetings or hearings with
27 the Coalition specifically. Doc. 205-1 at 54-55. Defendants also argue that the FEIS
28 specifically considered Mohave County's resolution opposing the Withdrawal and

1 discussed any inconsistencies with local plans. *Id.* at 55-56.

2 The FEIS does address the county and local plans that may be impacted by the
3 Withdrawal, including noting that Coconino County passed a resolution opposing
4 uranium mining near Grand Canyon National Park. AR 1642. It also discussed Mohave
5 County's General Plan and that its resolution urging Congress to preserve access to
6 northern Arizona's uranium reserves. *Id.* The FEIS noted that the resolution was
7 inconsistent with the Withdrawal (*id.*) and discussed the existing purposes of the general
8 plans in affected counties (AR 1946-1951). It also addressed the economic impacts of
9 the proposed alternatives on the affected counties, basing its analysis "on comments
10 received during scoping, comments on the Draft EIS, and input from tribal consultation
11 and cooperating agencies." AR 2254. Given this record, as well as the presumption of
12 legality that attends BLM's actions in this case, the Court cannot conclude that the
13 Counties were denied meaningful participation. *Nw. Ecosystem Alliance*, 475 F.3d at
14 1140 (review is highly deferential and presumes validity of agency's action).

15 The Coalition also argues that BLM failed to comply with the requirement in 40
16 C.F.R. § 1506.2(d) that BLM "discuss any inconsistency of a proposed action with any
17 approved State or local plan and laws" and, "[w]here an inconsistency exists . . . describe
18 the extent to which the agency would reconcile its proposed action with the plan or law."
19 Specifically, the Coalition argues that the Withdrawal is inconsistent with resolutions of
20 Mohave County and the Coalition opposing the Withdrawal, and yet the FEIS fails to
21 reconcile these inconsistencies. Doc. 173 at 22. But the regulations do not require BLM
22 to describe efforts to reconcile the Withdrawal with resolutions; they require BLM to
23 describe efforts to reconcile the Withdrawal with "any approved State or local plan and
24 laws." 40 C.F.R. § 1506.2(d). The Coalition does not argue that the resolutions were
25 approved State or local plans or laws. Moreover, as already noted, the FEIS did discuss
26 County plans and did not identify inconsistencies with the Withdrawal. *See* AR 1642-43.
27 What is more, the ROD described the various county resolutions and concluded that
28 "[t]he withdrawal will be consistent with the Coconino County Resolution 2008-09, but

1 inconsistent with Mohave County Resolution 2008-10 and 2009-040.” AR 21. The
2 Court concludes that BLM’s consideration of local plans and laws did not violate NEPA.
3 *See Quechan Tribe of Fort Yuman Indian Reservation v. U.S. Dep’t of Interior*, 927 F.
4 Supp. 2d 921, 946 (S.D. Cal. 2013) (“BLM considered the inconsistencies with local law
5 and reasonably concluded there was no conflict.”).

6 The Coalition also argues that the Withdrawal decision excluded consideration of
7 the Arizona Department of Environmental Quality (“ADEQ”) Aquifer Protection Permit
8 (“APP”) program and the Arizona Pollutant Discharge Elimination System. Doc. 173 at
9 14-15. The Coalition argues that the ROD is flawed because it relied on the USGS
10 Report, which did not assess the regulatory system for uranium mining in Arizona. *Id.*

11 The record reflects that ADEQ itself commented on the DEIS, that the comments
12 discussed the existing Arizona regulations, and that the comments did not assert that the
13 Withdrawal would be inconsistent with the state regulatory framework. Doc. 182-4.
14 Rather, ADEQ asserted that the Withdrawal was unnecessary in light of the existing state
15 regulations. The Coalition cites no regulation that requires action under NEPA where
16 there is no inconsistency with local or state environmental plans.

17 Further, even if the Withdrawal was inconsistent with the Arizona regulatory
18 framework, NEPA does not require that a project fail because of such an inconsistency,
19 only that the inconsistency be discussed and that the agency describe the extent to which
20 it would reconcile its actions with the existing law. 40 C.F.R. § 1506.2(d). The FEIS
21 does acknowledge ADEQ’s APP program and its regulatory effects on uranium mining in
22 the region (Doc. 175-3 at 40), stating that “[f]or purposes of this EIS, it is assumed that
23 mines comply with all applicable state and federal regulations” (*id.* at 33). The
24 Coalition’s claim that the Withdrawal violates NEPA because the ROD failed to consider
25 Arizona’s existing regulatory scheme is without merit.

26 **C. Failure to Address Information Gaps.**

27 When there is incomplete or unavailable information for evaluating foreseeable
28 environmental effects in an EIS, 40 C.F.R. § 1502.22 requires an agency to make clear

1 that information is lacking. When the information is essential, and is not obtained by an
2 agency because of exorbitant costs or because methods to obtain it are unknown, the
3 agency must explain the missing information's relevance and what existing evidence is
4 evaluated in its place, and must provide an evaluation based on theoretical approaches.
5 40 C.F.R. § 1502.22.

6 As noted above, the FEIS acknowledged incomplete information regarding
7 essential aspects of the Withdrawal, including impacts on water resources and the extent
8 of the uranium endowment in the withdrawn area. Doc. 170 at 14-15. Plaintiffs argue,
9 however, that the government failed to comply with the requirements of § 1502.22 and
10 made "unsupported and overly cautious assumptions" that distorted the decision-making
11 process and overemphasized speculative harms. *Id.* at 16 (citing *Robertson*, 490 U.S. at
12 356). They argue that a footnote in the ROD stating that additional information about
13 water quality was not essential cannot save the FEIS because such a determination should
14 have been made earlier in the NEPA process. Doc. 170 at 16-17. They also claim that
15 the footnote does not address other information deficiencies. *Id.*

16 **1. Obligations Under 40 C.F.R. § 1502.22.**

17 The government asserts that its obligations under § 1502.22 were not triggered
18 because the agency reasonably concluded that the information missing from the FEIS
19 "was not 'essential' to informed decisionmaking." *Native Vill. of Point Hope v. Jewell*,
20 740 F.3d 489, 498 (9th Cir. 2014). As noted, this determination was set forth in a
21 footnote in the ROD. Doc. 198 at 51; AR 10 n. 1. Plaintiffs argue that the determination
22 in *Point Hope* was made early in the EIS process and therefore was available during the
23 study period when participants could comment on it. 740 F.3d at 498.⁴ They argue that
24 postponing the "non-essential" determination until the ROD was particularly improper in
25 light of NEPA's requirement "that an EIS analyze environmental consequences of a

26
27 ⁴ In their reply, Plaintiffs assert that *Point Hope* is merely a district court decision
28 that is not binding on this Court (Doc. 225 at 38), but the Ninth Circuit decided the case
in 2014. *See Native Vill. of Point Hope v. Jewell*, 740 F.3d 489 (9th Cir. 2014).

1 proposed plan as soon as it is ‘reasonably possible’ to do so.” *Id.* at 497.

2 As a preliminary matter, even if the unavailable information was essential to the
3 agency’s decision, § 1502.22 does not require a separate, formal disclosure in the FEIS.
4 *Colorado Envtl. Coal. v. Dombeck*, 185 F.3d 1162, 1172-73 (10th Cir. 1999) (“[W]e are
5 unwilling to give a hyper-technical reading of the regulations to require the Forest
6 Service to include a separate, formal disclosure statement in the environmental impact
7 statement to the effect that lynx population data is incomplete or unavailable. Congress
8 did not enact [NEPA] to generate paperwork or impose rigid documentary
9 specifications.” (citation omitted)). Plaintiffs argue that the FEIS should have explicitly
10 stated whether the information was essential and, if so, why it was unobtainable or too
11 expensive, but they cite no authority for such a requirement. Doc. 170 at 15. Courts
12 have held that where participants in the environmental review process are made aware of
13 the relevance of missing information, “[t]he regulations do not prescribe the precise
14 manner through which an agency must make clear that information is lacking.” *Habitat*
15 *Educ. Ctr., Inc. v. U.S. Forest Serv.*, 673 F.3d 518, 532 (7th Cir. 2012). Additionally, the
16 regulations themselves provide that “any trivial violation of these regulations [does] not
17 give rise to any independent cause of action.” 40 C.F.R. § 1500.3.

18 In any event, the FEIS does describe incomplete and unavailable information.
19 Indeed, Plaintiffs acknowledge that the FEIS “repeatedly admits” that information on
20 uranium deposits and the environmental impacts associated with the Withdrawal is
21 “missing or uncertain,” that this admission is contained in sections of the FEIS titled
22 “Incomplete or Unavailable Information,” and that other portions of the FEIS text discuss
23 missing data and uncertainties. *See* Doc. 170 at 13 & n. 50. As one example, a section of
24 the FEIS titled “Incomplete or Unavailable Information” discusses missing information
25 regarding groundwater quality, groundwater movement, and the effects of mining on
26 groundwater in areas around the Grand Canyon. AR 2070-71. This section describes
27 how such information might be obtained in the future, and explains the data relied on in
28 the FEIS and the assumptions made when data was not available. *Id.* While

1 acknowledging the missing information, the FEIS also states that it relies on the “best
2 available information and conservative assumptions” to make reasonable assessments
3 that would “provide the decision-maker with an adequate basis for weighing the relative
4 potential for impacts to water resources.” *Id.* Furthermore, the FEIS was based on the
5 USGS Report, which in turn acknowledges uncertainty regarding the effects of the
6 Withdrawal on water quality and quantity. Doc. 173 at 9; AR 9 (the USGS Report
7 “acknowledged uncertainty due to limited data”).

8 These disclosures satisfy § 1502.22’s requirement that the FEIS identify missing
9 information. The further disclosure requirements set forth in § 1502.22(b) apply only if
10 the missing information is essential, and in this case DOI deemed it non-essential. *Point*
11 *Hope*, 740 F.3d at 497 (“Nor did BOEM go through the steps required by § 1502.22(b) if
12 it had found “essential” information to be unobtainable.”); *League of Wilderness*
13 *Defenders/Blue Mountains Biodiversity Project v. Forsgren*, 163 F. Supp. 2d 1222, 1255
14 (D. Or. 2001) (“the § 1502.22(b) analysis is required only if the incomplete information
15 is relevant to reasonably foreseeable significant adverse impacts and is essential to a
16 reasonable choice among alternatives”), *rev’d on other grounds*, 309 F.3d 1181 (9th Cir.
17 2002). Although DOI did not make clear until the ROD that it regarded the missing
18 information as non-essential, this did not mislead participants. Those involved in the EIS
19 process knew from the USGS Report, the DEIS, and the FEIS that information was
20 missing. The Court also agrees with the Seventh and Tenth Circuits that § 1502.22 does
21 not prescribe a precise time or place for compliance with its requirements. *Habitat Educ.*
22 *Ctr.*, 673 F.3d at 532; *Colorado Env’tl. Coal.*, 185 F.3d at 1172-73. The Court concludes
23 that the FEIS’s treatment of missing information satisfies the rule of reason.

24 **2. Uranium Endowment Estimate.**

25 The extent of the uranium endowment in the withdrawn area was estimated in the
26 USGS Report. AR 58-415. The report concluded that 48% of the 1.3 million tons of all
27 undiscovered uranium in favorable areas in northern Arizona, as estimated in a 1990 U.S.
28 Geological Survey, could be found in the area slated for withdrawal or in previously

1 withdrawn areas. AR 84. In other words, 48% of the uranium in northern Arizona would
2 be off-limits to mining if the Withdrawal occurred.

3 To reach this estimate, the USGS Report began its analysis with a 1990 survey
4 that estimated the uranium endowment in all of northern Arizona, including Grand
5 Canyon National Park, two national monuments, a game preserve on forest lands, and
6 tribal lands. *Id.* That survey was the result of an agreement with the U.S. Department of
7 Energy to update undiscovered uranium resources in specific areas of the United States.
8 AR 87. The survey estimated that 1.3 million tons (2.6 billion pounds) of undiscovered
9 uranium existed in breccia pipes in northern Arizona. *Id.* Because the exact amount of a
10 deposit cannot be known without drilling or mining, the endowment estimate was the
11 mean of a range of estimates from high probability of occurrence to low probability of
12 occurrence. *Id.*

13 The USGS Report also examined other mineral resource studies in the Grand
14 Canyon area, all of which were undertaken prior to the 1990 estimate and none of which
15 provided quantitative resource estimates, but which did provide additional context for the
16 1990 estimate. *Id.* It then engaged in a discussion of the uncertainties inherent in
17 uranium resource estimates for breccia pipes. AR 90. Those uncertainties include where
18 breccia pipes are located if they are unexposed (as many are), as well as the extent to
19 which the pipes are mineralized. AR 90-92. The density of uranium in unexposed
20 breccia pipes is particularly difficult to gauge without drilling, a process that can be
21 disruptive and expensive given the depths to which breccia pipes can extend. *Id.*

22 With these limitations in mind, USGS assessed the applicability of the 1990
23 estimate and the techniques used to reach it and determined what adjustments were
24 necessary. AR 95. For example, the USGS recognized that the proposed withdrawal
25 area would cover a smaller surface area than was assessed in the 1990 study and made
26 adjustments for that decrease. AR 66, 95. The USGS made an overall adjustment for the
27 mean density of the undiscovered endowment in the proposed area, adopting an
28 endowment density of 96.6 tons per square mile, the density applicable to the portion of

1 the Withdrawal in which most of the undiscovered uranium endowment was thought to
2 lie. AR 92-93.

3 Moreover, USGS identified unknown information when undertaking both the
4 estimate and making the Withdrawal decision. *See, e.g.*, AR 6058 (noting the unknowns
5 in relation to the uranium resource estimate). The estimate was made using the best
6 information available and was peer-reviewed within the agency. Plaintiffs had the
7 opportunity to comment on the methodology, which they did during the EIS process.

8 Plaintiffs vigorously dispute the government's estimate. They argue that USGS
9 did not do any original research – “it just recycled the 1990 report” – and that the
10 adjustments made by USGS are unsupported. Doc. 173 at 17-18. Plaintiffs present their
11 own estimate, which comes in at five times more uranium ore than the USGS estimate.
12 Then Plaintiffs' estimates were presented to BLM during preparation of the EIS, BLM
13 provided this response:

14
15 [T]hese alternative approaches have not been developed or
16 peer reviewed to the extent that they can replace or
17 superseded the USGS endowment assessment presented in
18 [the USGS Report]. As with many scientific fields, new
19 information is constantly being collected which leads to new
20 or refined conclusions. However, at present, the USGS
21 Report contains the best credible information available
22 regarding the uranium endowment estimate and was
23 therefore used as the basis for the reasonably foreseeable
24 development scenarios in the EIS.

25 AR 18.

26 The Court does not doubt the sincerity of Plaintiffs' views, but it must “defer to an
27 agency's decision that is fully informed and well-considered,” so long as the decision
28 does not evince a “clear error of judgment.” *Blue Mountains*, 161 F.3d at 121 (citations
omitted). NEPA does not require the court to “settle disputes between scientists, [but
rather] dictates that [courts] defer to agency opinion if it is not otherwise shown to be
arbitrary or capricious.” *City of Carmel-By-The-Sea*, 123 F.3d at 1151-52 (citing *Laguna*

1 *Greenbelt*, 42 F.3d at 526; *Marsh*, 490 U.S. at 377). The Court cannot conclude that
2 BLM's estimate of the uranium endowment constituted a clear error of judgment or was
3 arbitrary and capricious.

4 **3. Water Resources Impacts.**

5 Plaintiffs complain that the FEIS adopted an impermissibly cautious approach
6 regarding water impacts that was not supported by science. Doc. 173 at 12-14.
7 Specifically, Plaintiffs argue that some of the well samples were taken outside of the
8 withdrawn area and that the risks to groundwater were exaggerated, as evidenced by the
9 highly conservative assumptions made in the FEIS and by "significant dissent" from a
10 National Park Service hydrologist. *Id.* at 12-14. This hydrologist concluded that uranium
11 mining presented little or no risk of contamination to the R-aquifer, but the FEIS was not
12 changed to reflect this opinion. *Id.* at 13-14.

13 The government argues that there was nothing misleading about the location of the
14 springs that were tested, and that any argument that groundwater near closed or
15 abandoned mines should not be tested lacks merit because there were no active uranium
16 mines in the withdrawal area when the testing was done. Doc. 198 at 45-46. The
17 government also asserts that disagreement from one employee expert about the impacts
18 on groundwater does not render the Withdrawal arbitrary and capricious. *Id.* at 46.

19 Plaintiffs argue that the potential for adverse impacts to groundwater is so low as
20 to not support the stated rationale for the Withdrawal of protecting water resources.
21 Importantly, however, the agency never attempted to disguise the uncertainty or the low
22 probability of contamination from mining; it simply determined that even a low risk was
23 too great given the proximity of potential mining operations to the Grand Canyon.

24 The FEIS detailed the incomplete or unavailable information and the scientific
25 uncertainties related to impacts on water resources. AR 2070-71. It analyzed water
26 quality samples from 687 locations in the study area and a 6-mile buffer around each of
27 the parcels under each of the proposed alternatives. AR 1784-85. These buffers allowed
28 for consideration of groundwater and surface water features adjacent to the parcels and

1 provided relevant information in the absence of more proximate data. The FEIS
2 concluded that the chances of groundwater contamination from uranium mining are low,
3 and noted that the only evidence of such contamination from previous mines comes from
4 the unreclaimed Orphan Mine. AR 1762-1766. That same low probability is reflected in
5 the ROD, which acknowledged that “the probability of any impact to springs ranged from
6 0% (in the South and East Parcels with full withdrawal) to 13.3% (in the North Parcel
7 with no withdrawal).” AR 10. The FEIS also noted significant uncertainty as to the
8 impacts on deep aquifer springs and the R-aquifer. AR 1768. Even assuming a relatively
9 high concentration of potential discharge from mines to the R-aquifer, the FEIS found
10 that no spring in that aquifer would exceed EPA minimum concentrations for drinking
11 water. AR 10.

12 The ROD and FEIS did find, however, that there was a small but potentially major
13 risk to some water sources. Historical water data for 1,014 water samples from 428 sites
14 indicated that about 70 sites exceeded contaminant levels for major ions or trace elements
15 such as arsenic iron, lead, manganese, sulfate, radium, and uranium. AR 202. Samples
16 from 15 springs and 5 wells in the region contained dissolved uranium concentrations
17 exceeding maximum contaminant levels for drinking water. *Id.* Dissolved uranium
18 concentrations in the North Parcel, where the majority of the uranium endowment was
19 believed to exist and where the majority of historical mining has taken place, were 16
20 times higher than those typical for the Grand Canyon region. *Id.* The ROD concluded
21 that the risk from uranium mining, when considered in light of uncertainties about
22 geology and groundwater flow in the area, justified the Withdrawal decision.

23 The record does reflect some disagreement among experts within the relevant
24 agencies. One hydrologist decided not to comment on the draft FEIS because he believed
25 it went “to great lengths in an attempt to establish impacts to water resources from
26 uranium mining” and “create[d] enough confusion and obfuscation of hydrogeologic
27 principles to create the illusion that there could be adverse impacts if uranium mining
28 occurred.” AR 6820. While the Court does not wish to discount the views of this

1 hydrologist, surely one internal expert's disagreement with a conclusion reached by other
2 internal experts does not make a final agency decision arbitrary or capricious. If it did,
3 agency actions would survive APA review only when there was complete unanimity
4 among internal experts, an unlikely outcome on difficult questions. The practical reality
5 is that a certain amount of "disagreement among the countless individuals involved in
6 developing or commenting on" a plan is to be expected. *Nat'l Fisheries Inst., Inc. v.*
7 *Mosbacher*, 732 F. Supp. 210, 227 (D.D.C. 1990). Internal disagreements are not
8 necessarily bad – they can be viewed as "indicat[ing] that the debate was as open and
9 vigorous as Congress intended." *Id.* Thus, courts have not found that a difference of
10 opinion among government employees shows "the agency ignored its own experts," and
11 have held that "a diversity of opinion by local or lower-level agency representatives will
12 not preclude the agency from reaching a contrary decision, so long as the decision is not
13 arbitrary and capricious and is otherwise supported by the record." *WildEarth Guardians*
14 *v. Nat'l Park Serv.*, 703 F.3d 1178, 1186-87 (10th Cir. 2013).

15 Moreover, although it is true as Plaintiffs contend that the data was sparse and the
16 uncertainties substantial in this investigation, BLM openly acknowledged uncertainty on
17 how water resources might be impacted. It candidly recognized a low probability of
18 groundwater contamination from uranium mining. It nevertheless examined the available
19 science, solicited and considered comments both internally and from the public, and
20 ultimately concluded that the uncertainties, coupled with even a low potential for major
21 adverse effects, warranted a level of precaution that justified the Withdrawal. The Court
22 does not find this arbitrary or capricious.⁵

23 **4. Other Scientific Controversies.**

24 Plaintiffs argue that tests on contaminated soil samples were misrepresented in the
25 USGS Report because they came from unreclaimed mining sites (Doc. 173 at 16-17), and

26
27 ⁵⁵ Quatterra and the Coalition argue that portions of the withdrawal area lie outside
28 the Grand Canyon watershed, could have no effect on water resources at the Grand
Canyon, and therefore should not have been included in the Withdrawal. Doc. 173 at 17.
But this one-paragraph argument fails to address the other reasons for the Withdrawal
and how those reasons apply to lands near the Canyon but outside its watershed. *Id.*

1 that the FEIS and ROD did not do a risk assessment on radiation and exposure effects on
2 plants and wildlife (*id.* at 17). These do not amount to NEPA violations.

3 The USGS Report accurately describes where soil samples were obtained, whether
4 the mine sites were or were not reclaimed, and how the concentrations of uranium and
5 arsenic found at the sites compared to background levels. AR 110-111. The Court does
6 not find the presentation of this data misleading.

7 With respect to risks from radiation exposure, the Coalition’s brief accurately
8 summarizes the USGS Report:

9
10 [The Report] addressed whether increased radiation and
11 exposure to trace elements would adversely affect plants and
12 wildlife. The report summarized existing literature and
13 identified the data gaps noting that caution should be used
14 when applying the information to plants or animals in
15 Northern Arizona.

16 Doc. 173 at 17 (record citations omitted).⁶ The Coalition argues that the report was
17 prepared on the assumption that the FEIS would include a risk assessment, but that no
18 such assessment was done. The Coalition does not explain, however, how this violated
19 NEPA. To the extent the Coalition is again arguing that the Withdrawal decision was not
20 based on sufficiently reliable science, the Court cannot agree. “NEPA does not require us
21 to decide whether an EIS is based on the best scientific methodology available. Nor does
22 NEPA require us to resolve disagreements among various scientists as to methodology.
23 Instead, ‘[o]ur task is simply to ensure that the procedure followed by the Service
24 resulted in a reasoned analysis of the evidence before it.’” *Greer Coal., Inc. v. U.S.*
25 *Forest Serv.*, 470 F. App’x 630, 633 (9th Cir. 2012)) (quoting *Friends of Endangered*
26 *Species, Inc., v. Jantzen*, 760 F.2d 976, 986 (9th Cir. 1985)).

27 ⁶ The USGS Report explicitly acknowledged “that toxicity data for many
28 radionuclides and biological receptors are lacking,” but found nonetheless that
recommendations in the report “could be useful in the environmental impact statement to
be developed.” AR 399.

1 **V. FLPMA Claims.**

2 The “FLPMA requires that ‘the public lands be managed in a manner that will
3 protect the quality of scientific, scenic, historical, ecological, environmental, air and
4 atmospheric, water resource, and archeological values.’” *Desert Citizens Against*
5 *Pollution v. Bisson*, 231 F.3d 1172, 1179 (9th Cir. 2000) (quoting 43 U.S.C.
6 § 1701(a)(8)). The FLPMA permits challenges “by land users to ensure appropriate
7 federal guardianship of the public lands which they frequent.” *Id.* at 1177. Where an
8 agency does not demonstrate exacting compliance with the FLPMA, the error may be
9 deemed harmless if the agency action nonetheless satisfies the purposes of the statute.
10 *See Sagebrush Rebellion, Inc. v. Hodel*, 790 F.2d 760, 764 (9th Cir. 1986) (“We agree
11 that the notices did not comply in every respect with the terms of section 204(b).
12 However, we find the error to be harmless since the purposes of FLPMA's notice
13 requirement were fully satisfied.”). Moreover, claims that an agency violated the
14 FLPMA are viewed under the discretionary review standard of the APA. *See Desert*
15 *Citizens*, 231 F.3d at 1180.

16 **A. Reviewability of Claims.**

17 Plaintiffs challenge, among other things, the ROD’s stated purposes for the
18 Withdrawal. The government argues, without citation to legal authority, that the Court
19 lacks jurisdiction to review these claims because Plaintiffs have articulated no legal
20 standard by which the Court can evaluate them and the Withdrawal constitutes an action
21 committed entirely to the agency’s discretion. Doc. 198 at 15 (citing 5 U.S.C. § 706).

22 Challenges to agency actions are reviewed under the standard of the APA, using
23 the legal framework of the violated statute. 5 U.S.C. §§ 701-706. Under the APA, “[a]
24 person suffering legal wrong because of agency action, or adversely affected or aggrieved
25 by agency action within the meaning of a relevant statute, is entitled to judicial review
26 thereof.” 5 U.S.C. § 702. The APA excludes only a narrow window of agency action
27 from review. *Id.* § 701. “This narrow exception to the presumption of judicial review of
28 agency action under the APA applies ‘if the statute is drawn so that a court would have

1 no meaningful standard against which to judge the agency’s exercise of discretion.”
2 *Drakes Bay Oyster Co. v. Jewell*, 747 F.3d 1073, 1082 (9th Cir. 2014), (citing *Heckler v.*
3 *Chaney*, 470 U.S. 821, 830 (1985); *Webster v. Doe*, 486 U.S. 592, 599 (1988) (exception
4 applies where there is “no law to apply”) (internal quotation marks and citation omitted)).

5 Plaintiffs argue that there is a presumptive right to judicial review of actions under
6 the FLPMA. See *Perkins v. Bergland*, 608 F.2d 803, 805-06 (9th Cir. 1979) (“[The]
7 FLPMA explicitly provides that ‘it is the policy of the United States that . . . judicial
8 review of public land adjudication decisions be provided by law.’ . . . [and] this
9 declaration of policy at the outset of FLPMA removes any doubt Congress might
10 otherwise have allowed to obscure the reviewability of . . . decisions[.]”) (citing 43
11 U.S.C. § 1701(a)(6)). In response, Defendants assert that the presumption of judicial
12 review is not a right to judicial review where no substantive legal standard applies. Doc.
13 225 at 8. The government asks the Court to apply the narrow exception of § 701 to
14 preclude review of the purposes of the Withdrawal. Doc. 198 at 15. While the
15 government asserts that the Court has jurisdiction to review whether the Secretary
16 complied with the procedural requirements for withdrawals under *Drakes Bay Oyster Co.*
17 and *Ness Inv. Corp. v. U.S. Dept. of Agric., Forest Serv.*, 512 F.2d 706 (9th Cir. 1975), it
18 argues that Plaintiffs have failed to identify any legal standards or statutes that provide a
19 substantive guide for review. Doc. 198 at 16-20. The Court is not persuaded.

20 The FLPMA does provide legal standards for withdrawals. It allows withdrawals
21 only “where appropriate” under the regulations, 43 C.F.R. § 2300.0-1(a), and, beginning
22 at 43 C.F.R. § 2310.3-1, the regulations set forth specific procedural requirements. Those
23 requirements include publication and public meetings, *id.*, and scientific studies of the
24 proposed withdrawal area, including studies on land use, water use, environmental
25 assessments or impact statements, cultural resources, wilderness uses, mineral resources,
26 biological assessments, and economic impacts, *id.* § 2310.3-2. The regulations also
27 specify the agency’s obligations in regard to the size and duration of withdrawals. *Id.*
28 § 2310.3-4.

1 In addition, the FLPMA’s definitions section states that “[t]he term ‘withdrawal’
2 means withholding an area of Federal land from settlement, sale, location, or entry, under
3 some or all of the general land laws, *for the purpose of limiting activities under those*
4 *laws in order to maintain other public values in the area or reserving the area for a*
5 *particular public purpose or program[.]”* 43 U.S.C. § 1702(j) (emphasis added). The
6 statute mandates that the Secretary provide, within three months after filing a notice of
7 withdrawal, “a clear explanation of the proposed use of the land involved which led to the
8 withdrawal.” §1714(c)(2)(1).

9 Furthermore, even if the validity of the stated purpose for the Withdrawal was not
10 reviewable, the APA clearly provides a standard of review by which to judge the nature
11 of the agency’s decision-making process and, thereby, its justification for the stated
12 purposes of the Withdrawal. Under the APA, actions by the Secretary to withdraw land,
13 like other agency actions, are “valid if the agency considered the relevant factors and
14 articulated a rational connection between the facts found and the choices made.”
15 *Conservation Cong. v. U.S. Forest Serv.*, 720 F.3d 1048, 1054 (9th Cir. 2013) (quoting
16 *Lands Council v. McNair*, 629 F.3d 1070, 1074 (9th Cir. 2010)). The statute requires an
17 explanation of the proposed use that led to the withdrawal, 43 U.S.C. § 1714(c)(2)(1), as
18 well as extensive study and procedure prior to withdrawal, 43 U.S.C. § 1714(c)(2), and
19 expresses a presumption of judicial review of the final withdrawal decision, 43 U.S.C. §
20 1701(a)(6).⁷

21 Given these statutory and regulatory requirements, the Court cannot accept the
22 government’s claim that the Withdrawal is unreviewable under the FLPMA and APA.

23 **B. Merits of FLPMA Claims.**

24 Section 204 of the FLPMA provides the Secretary of the Interior with the
25 authority to make, modify, revoke, and extend withdrawals, subject to valid existing

26
27 ⁷ NEI and NMA also note that “withdrawals must be justified in accordance with
28 the Department of the Interior Land Withdrawal Manual 603 DM 1 and the BLM
regulations at 43 CFR 2310.” Doc. 170 at 19. That language follows directly from
BLM’s Energy and Mineral Policy. AR 80613.

1 rights. 43 U.S.C. § 1714. A “withdrawal” means “withholding [of] an area of Federal
2 land from settlement, sale, location, or entry, under some or all of the general land laws,
3 for the purpose of limiting activities under those laws in order to maintain other public
4 values in the area or reserving the area for a particular public purpose or program.” *Id.*
5 § 1702(j). The withdrawn lands must be managed under principles of multiple-use and
6 sustained yield unless provided otherwise by another law. *Id.* § 1732(a).

7 **1. Purpose and Scope of Withdrawal.**

8 The ROD justifies the Withdrawal on the basis of (1) threats and uncertainty
9 regarding the effects of uranium mining on water resources, (2) impact of uranium
10 mining on cultural and tribal resources, (3) the need for more study of the impact of
11 uranium mining on other resources, including wildlife, and (4) the existence of pre-
12 approved mines and valid existing rights (VER’s) in the withdrawn area that will not be
13 affected by the Withdrawal. AR 9-12. Plaintiffs argue that none of these reasons for the
14 Withdrawal is supported by evidence in the record. Doc. 170 at 18; Doc. 214 at 19;
15 Doc. 167 at 13. The Court does not agree.

16 Plaintiffs argue that the record does not support the ROD’s first justification for
17 the Withdrawal: that investigations revealed potential harmful effects of uranium mining
18 on water resources, and that even though the likelihood and extent of the impact was
19 uncertain, it was unacceptable enough to warrant the Withdrawal. Doc. 167 at 16; *see*
20 *also* AR 9-10. Plaintiffs AEMA and Yount argue that had BLM adequately considered
21 the application of existing regulations when assessing the potential impacts on perched
22 aquifers, the speculative harm discussed in the FEIS would be largely mitigated.
23 Doc. 167 at 18-19. Plaintiffs NEI and NMA point to evidence in the record where BLM
24 employees express concern about the lack of knowledge regarding the geo-hydrology in
25 the North and East Parcels, as well as the fact that there is a groundwater divide between
26 parcels in the Withdrawal. Doc. 170 at 18. They argue that “BLM fully understood that
27 the science did not support a full withdrawal.” *Id.* at 19.

28 The FEIS’s findings on potential impacts to water resources are discussed in this

1 order's earlier sections. BLM acknowledged uncertainty regarding groundwater flow,
2 recharge, aquifers, and other hydrologic features. Looking at available data and making
3 conservative assumptions, it predicted only a low probability of contamination from
4 uranium mining. BLM did not hide this conclusion or pretend to find with certainty that
5 contamination would occur if uranium mining proceeded at a market-dictated pace. The
6 FEIS also "acknowledges the extensive framework of existing regulations applicable to
7 hard-rock mining in the area." AR 2455; *see also* AR 2074 (assuming that regulations
8 under the APP Program are met).

9 Despite this uncertainty – and, in part, because of it – DOI decided to err on the
10 side of protecting the environment. Its task was predictive, and predictive in an area
11 where sparse data precluded reasonable certainty. The Court cannot conclude that its
12 decision to proceed cautiously was legally inappropriate. Where an agency is "making
13 predictions, within its area of special expertise, at the frontiers of science . . . a reviewing
14 court must generally be at its most deferential." *Baltimore Gas & Elec. Co. v. Natural*
15 *Res. Def. Council, Inc.*, 462 U.S. 87, 103 (1983).

16 AEMA and Yount argue that DOI was not justified in basing its decision on
17 uncertainty – that DOI instead was obligated to obtain the information necessary to
18 eliminate the uncertainty. As support, Plaintiffs cite *Skull Valley Band of Goshute*
19 *Indians v. Davis*, 728 F. Supp. 2d 1287 (D. Utah 2010). Although *Skull Valley* did find
20 that DOI was unjustified in denying the requested action on the basis of incomplete
21 information, and should have obtained the missing information, it is distinguishable from
22 this case. The court in *Skull Valley* noted that DOI itself found the FEIS to be
23 inadequate. *Id.* at 1295. The court also found that "the DOI, acting through the BLM,
24 has readily available mechanisms which it could have invoked to obtain the information
25 it found lacking the in the FEIS." *Id.* at 1297. In this case, by sharp contrast, DOI did
26 not find the FEIS to be inadequate, nor did it have readily available sources for the
27 information that was missing in the withdrawal area.⁸

28 ⁸ Because DOI's stated purpose of protecting water resources supports its decision,

2. Estimate of Uranium Endowment.

1
2 Plaintiffs argue that the FEIS, by underestimating the amount of uranium, violated
3 the FLPMA requirement that a withdrawal fully disclose the value of minerals to be
4 closed to development. Docs. 170 at 25; 173 at 18; 214 at 29-31. Plaintiffs NEI and
5 NMA argue that the inaccurate uranium estimate “skew[s] the FLPMA decision process,
6 preventing any semblance of the required balancing of competing environmental and
7 multiple-use interests” because it “artificially elevates the environmental risks.”
8 Doc. 170 at 25. Plaintiffs Quatterra and the Coalition assert that the consequences for the
9 allegedly flawed assessment “are significant” because it “understated the loss in
10 severance taxes to the state and communities as well as the loss to the nation.” Docs. 173
11 at 18; 214 at 29-31.

12 The FLPMA requires agency reports to Congress, including “a report prepared by
13 a qualified mining engineer, engineering geologist, or geologist which shall include but
14 not be limited to information on: general geology, known mineral deposits, past and
15 present mineral production, mining claims, mineral leases, evaluation of future mineral
16 potential, present and potential market demands.” 43 U.S.C. § 1714(c)(2)(12). The
17 implementing regulations require “[a] mineral resource analysis prepared by a qualified
18 mining engineer, engineering geologist or geologist[.]” 43 C.F.R. § 2310.3-2(b)(3)(iii).

19 As already noted, DOI’s estimate of the uranium endowment was based on the
20 USGS Report prepared at the request of the Secretary. AR 57-415. The report includes a
21

22 the additional purposes listed in the ROD need not also support the Withdrawal.
23 Nevertheless, DOI’s concern regarding impacts on tribal and natural resources and its
24 understanding that mining would continue even after the Withdrawal and could
25 contribute to the local economy and generate additional data with which to make future
26 environmental decisions, are valid considerations. AR 9-12. Plaintiffs point to no
27 authority that would prohibit the approach adopted by the government in this case. The
28 only case law cited by Plaintiffs, *New Mexico v. Watkins*, 969 F.2d 1122, 1135 (D.C. Cir.
1992), was not reviewing an agency’s original purpose for a withdrawal, but rather
whether an agency could change purposes in order to extend a withdrawal. The D.C.
Circuit explicitly distinguished the procedures for withdrawals from those for extending
withdrawals. *Id.* Plaintiffs also argue that these additional reasons for the Withdrawal
were developed late in the ROD-preparation process, but cite no authority to suggest that
late-breaking rationales are prohibited under NEPA or FLPMA when they are supported
by the FEIS. The FEIS addressed each of these additional purposes.

1 chapter on the uranium endowment prepared by government experts in the field, and
2 discusses how the experts adjusted 1990 estimates to reach their conclusion. AR 84-102.
3 The USGS Report made adjustments to the 1990 estimates in light of additional
4 information and the area of the proposed withdrawal. Nothing in the FLPMA or its
5 implementing regulations requires that the estimate be exact; rather, “known mineral
6 deposits” are to be identified and “future mineral potential” is to be identified. 43 U.S.C.
7 § 1714(c)(2)(12); 43 C.F.R. § 2310.3–2(b)(3)(iii). The USGS Report addressed “future
8 mineral potential” and was a peer-reviewed, scientific study. AR 3893, 82092. The
9 Court’s role is not to second-guess such scientific analysis by agency experts.

10 **3. Failure to Coordinate With Counties.**

11 The Coalition argues that the agency’s alleged failure to engage in meaningful
12 participation and coordination with the counties violated the FLPMA. Doc. 214 at 33.
13 The Coalition acknowledges that several meetings were held, but asserts that its
14 “members’ comments were dismissed and most of the cooperating agency meetings
15 occurred without state and local governments.” *Id.* Plaintiffs rely on 43 U.S.C. § 1712,
16 the FLPMA provision dealing with land use plans. Subsection (a) requires public
17 involvement in the development plans and subsection (c)(9) requires that the Secretary,
18 “to the extent he finds practical, keep apprised of State, local, and tribal land use plans;
19 assure that consideration is given to those [] plans that are germane in the development of
20 land use plans for public lands; assist in resolving, to the extent practical, inconsistencies
21 between Federal and non-Federal Government plans, and [] provide for meaningful
22 public involvement of State and local government officials [] in the development of land
23 use programs, land use regulations, and land use decisions for public lands.”

24 These regulations deal with land use plans, not agency withdrawal obligations. In
25 addition, the obligations are largely the same as under NEPA: the agency must consider
26 local land use plans and provide meaningful participation for State and local
27 governments. The Court has found that the NEPA obligation was satisfied. Public
28 meetings were held and comments were submitted by local counties and included in the

1 FEIS and ROD. Counties were granted cooperating agency status (AR 1630-31), and the
2 EIS discussed the county and local plans that may be impacted by the Withdrawal (AR
3 1642, 1946-1951) and the economic impacts of the proposed alternatives on the affected
4 counties (AR 2254). The Court cannot conclude that the FLPMA required more.⁹

5 **C. Other allegations.**

6 Plaintiffs argue that DOI's notice to Congress of the Withdrawal was deficient
7 (Doc. 170 at 27), that the Forest Service's consent to the Withdrawal was arbitrary and
8 capricious (Doc. 167 at 26), and that the Withdrawal violated the BLM Resource
9 Management Plan (Doc. 170 at 24).

10 **1. Notice to Congress.**

11 Plaintiffs NEI and NMA argue that the government's notice to Congress regarding
12 the Withdrawal violated the FLPMA and the APA. Doc. 170 at 27. They argue that the
13 notice violated the FLPMA because it incorporated the allegedly faulty portions of the
14 FEIS. Doc. 170 at 28. They argue that the notice was also deficient because it failed to
15 provide all the information required under the FLPMA, including "a clear explanation of
16 the proposed use of the land involved which led to the withdrawal" as required by 43
17 U.S.C. § 1714(c)(2)(1), and accurate information regarding "the economic impact of the
18 change in use on individuals, local communities, and the Nation" as required by
19 § 1714(c)(2)(2). Doc. 170 at 30.

20 The government contends that the savings provision of the FLPMA precludes
21 judicial review of the required reports to Congress, including the notices required by
22 § 1714(c). Doc. 225 at 19. The Court agrees. The statutory notes to the FLPMA state
23 that "the adequacy of reports required by this Act to be submitted to the Congress or its
24 committees shall not be subject to judicial review." 43 U.S.C. § 1701(j) (Stat. Notes).

25
26 ⁹ To show that its members were denied meaningful participation, the Coalition
27 asserts that alternatives were discussed only after BLM had determined them, notes of
28 meetings reflect only brief discussions, and handouts were not distributed until the day
before meetings. Doc. 173 at 21. The Court is reluctant, however, to judge the level of
coordination by the length of meeting notes or when handouts were distributed. Such
minute judicial oversight is not contemplated by the FLPMA or the APA.

1 Further, where reports to Congress are not expressly statutorily subjected to judicial
2 review, courts generally find it inappropriate to subject such reports – which essentially
3 are checks between the legislative and executive branches – to review. *Natural Res. Def.*
4 *Council, Inc. v. Hodel*, 865 F.2d 288, 317 (D.C. Cir. 1988) (noting that “[c]ongressional
5 reporting requirements are, of course, legion in federal law. . . . [but] petitioners have
6 failed to provide a single pertinent authority that suggests, much less holds, that these
7 commonplace requirements are judicially reviewable”).

8 At oral argument, Plaintiffs asserted that the notice to Congress is not a “report to
9 Congress” within the meaning of the statutory notes. *See* 43 U.S.C. § 1701(j) (Stat.
10 Notes). The Court acknowledges that “a reporting-to-Congress obligation is entirely
11 different than a congressionally imposed requirement that an Executive Branch
12 department or agency gather information and make that information, upon compilation,
13 publicly available.” *Hodel*, 865 F.2d at 319 n.30. Nevertheless, Plaintiffs point to no
14 authority that would authorize judicial review of the contents of the FLPMA notice
15 separate and apart from the review allowed under the APA of the sufficiency of agency’s
16 actions. The only authority Plaintiffs cite is, again, *Watkins*, 969 F.2d at 1136, where the
17 D.C. Circuit noted that “[t]he reporting requirement [of the FLPMA] is not just a
18 formality. It is instead a fundamental part of the scheme by which Congress has reserved
19 the right to disapprove administrative withdrawals.” In *Watkins*, however, DOI modified
20 the purpose for a withdrawal and extended the withdrawal “without ever reporting to
21 Congress.” *Id.* That is not the situation here. A detailed report was provided to
22 Congress regarding the Withdrawal. AR 3104-15.

23 Even if the notice is judicially reviewable, the Court does not find it deficient.
24 The Court does not agree that incorporation of the FEIS and ROD somehow tainted the
25 notice. The FEIS and ROD note deficiencies in information about the uranium
26 endowment and water impacts, and both documents were attached to the notice and cited
27 repeatedly. Additionally, the notice contains separate sections for the twelve disclosure
28 categories in 43 U.S.C. § 1714(c)(2), provides appropriate summaries, and cites

1 applicable portions of the ROD, FEIS, and other relevant management plans. AR 3104-
2 15. The proposed use of the land and a discussion of the economic impacts of the
3 Withdrawal is included in those documents.

4 **2. Forest Service's Consent.**

5 Plaintiffs argue that the Forest Service acted arbitrarily, capriciously, and not in
6 accordance with the law when it consented to the Withdrawal because it ignored the
7 multiple use mandate of the National Forest Management Act ("NFMA") and the Kaibab
8 National Forest Plan. Doc. 167 at 26; *see also* AR 3098 (Department of Agriculture's
9 consent to the Withdrawal). Plaintiffs argue that the Forest Service's consent did not
10 comply with the existing Forest Plan and therefore was essentially a retroactive
11 amendment to the plan, which courts have found impermissible. *Id.* at 26-30.

12 The government argues that this claim does not appropriately challenge agency
13 action under the APA because it is DOI, not the Department of Agriculture (where the
14 Forest Service is located), that has authority to manage mineral resources. *Id.* It further
15 asserts that the Withdrawal does not contravene the multiple use mandate because "forest
16 plans cannot by law open or close lands to mineral entry" and that the Withdrawal
17 cannot, therefore, conflict with the Forest Plan. Doc. 225 at 41.

18 **a. Agency Action.**

19 An "agency action" under the APA "includes the whole or a part of an agency
20 rule, order, license, sanction, relief, or the equivalent or denial thereof, or failure to act."
21 5 U.S.C. § 551(13). The Forest Service's consent constitutes a license. Under the APA,
22 a "'license' includes the whole or a part of an agency permit, certificate, approval,
23 registration, charter, membership, statutory exemption or other form of permission."
24 § 551(8)). The Forest Service's consent to the Withdrawal clearly was an approval.

25 The consent also had legal ramifications. It was required under the FLPMA if the
26 Withdrawal was to encompass Forest Service lands, as it did. 43 U.S.C. § 1714(i).
27 While the government is correct that DOI, not the Department of Agriculture, has final
28 authority to manage mineral resources, the APA provides review, upon final agency

1 action, for a “preliminary, procedural, or intermediate agency action or ruling not directly
2 reviewable[.]” 5 U.S.C. § 704. “The scope of judicial review of final agency action
3 includes the power to review the intermediate and procedural agency actions leading up
4 to the final challenged result.” *Clark v. Busey*, 959 F.2d 808, 811 (9th Cir. 1992).
5 Defendants argue that Plaintiffs have cited no case law that would authorize such review
6 if the intermediate or preliminary action is taken by an agency other than the one making
7 the final determination, but nothing in the language of the APA so limits the review of
8 the Court, and the government has cited no case law that would support such a limitation.
9 The Forest Service’s consent was a license under the APA, was a required preliminary
10 action for the Withdrawal, and had legal consequences. The Court therefore concludes
11 that it is a reviewable agency action.

12 **b. Contravention of Forest Plan.**

13 Plaintiffs argue that the Forest Service’s consent ignored NFMA requirements that
14 “multiple use” and “sustained yield” be the guiding principles for forest management.
15 Doc. 167 at 26 (citing 16 U.S.C. § 1604(e)). Plaintiffs assert that because consent to the
16 Withdrawal required contravention of the existing plan, and the Forest Service cannot
17 retroactively amend a forest plan, the consent was arbitrary and capricious. Doc. 167 at
18 27-29.

19 The ROD stated that the Forest Service’s management plans do not apply to
20 regulation of mineral resources, and explicitly found that “withdrawal decisions are
21 outside the authority of National Forest Planning, so no plan amendment is required.
22 Any development of existing mining claims that can prove valid existing rights will
23 follow the same standards and guidelines identified in applicable Forest Plans.” AR 12.

24 The NFMA applies to the management of forests and rangelands and their
25 “renewable resources.” Doc. 167 at 26; 16 U.S.C. § 1600(1)-(3) (Congressional findings
26 in the Act related to “renewable resources” from the Nation’s public and private forests
27 and rangelands). Minerals, of course, are not renewable resources. The NFMA requires
28 the Secretary of Agriculture to “develop, maintain, and, as appropriate, revise land and

1 resource management plans for units of the National Forest System, coordinated with the
2 land and resource management planning processes of State and local governments and
3 other Federal agencies.” 16 U.S.C. § 1604(a). In development of plans, the Secretary of
4 Agriculture is charged with assuring that the plans “provide for multiple use and
5 sustained yield of the products and services obtained therefrom in accordance with the
6 Multiple-Use Sustained-Yield Act of 1960 [16 U.S.C. §§ 528-531].” *Id.* § 1604(e)(1).
7 That act in turn requires multiple uses and sustained yields for, again, “renewable surface
8 resources.” *Id.* § 528. Indeed, the 1960 act explicitly states that “[n]othing herein shall
9 be construed so as to affect the use or administration of the mineral resources of national
10 forest lands.” *Id.*

11 In addition, FLPMA’s withdrawal provision permits only the Secretary of the
12 Interior to withdraw lands from mineral entry. 43 U.S.C. § 1714(a); *see also* 43 C.F.R.
13 § 2310.3-3 (with two narrow exceptions not applicable here, “the allowance or denial, in
14 whole or in part, of a withdrawal, modification or extension application, may only be
15 made by the Secretary [of the Interior].”).

16 These statutes and regulations make clear that the Secretary of Agriculture and the
17 forest plans created within his agency do not have authority to open or close lands to
18 mining. That power has been delegated by the FLPMA to the Secretary of the Interior.
19 The ROD therefore correctly concluded that Forest Service management plans do not
20 apply to mining-related withdrawals. Such plans may provide some regulation of mining
21 on Forest Service lands when mining is otherwise permitted, as it will be for existing
22 valid claims in the withdrawal area, but they do not have the legal effect of opening or
23 closing those lands to mining. Given this fact, the Withdrawal was not an amendment of
24 any mining right granted by a Forest Service plan.

25 AEMA also argues that the Forest Service failed to provide sufficient justification
26 for consenting to the Withdrawal, focusing primarily on the shortness of the Forest
27 Service letter of consent. The letter contained this explanation:

28

1 The Forest Service has been a cooperator in the preparation of
2 the Environmental Impact Statement (EIS) that considered the
3 effects of this potential withdrawal and has been engaged in
4 the process since it began. . . . The EIS acknowledges that
5 impacts are possible from uranium mining in the area,
6 including impacts to water resources. Important cultural and
7 other resource values would also be protected by the
8 withdrawal. The Forest Service supports the withdrawal of
9 its lands.

10 AR 3098.

11 This letter identifies the Forest Service’s reasons for consenting. Those reasons
12 comport with reasons stated in the ROD – the possible impacts of uranium mining on
13 water resources and the protection of important cultural resources. The letter makes clear
14 that it is referring the consideration of these issues in the FEIS, in which the Forest
15 Service participated. Because the Court has found these reasons to be sufficient for
16 DOI’s decision, it also finds them sufficient for the Forest Service decision.

17 AEMA argues that the letter fails to address the Forest Service’s multiple use
18 mandate, but, as noted above, that mandate refers to renewable resources. 16 U.S.C.
19 § 528. AEMA also argues that the Forest Service fails to address the likelihood of
20 adverse environmental impacts, the severity of those impacts, or the sufficiency of
21 existing regulatory schemes to protect against such impacts, but these matters are
22 addressed in the FEIS to which the Forest Service letter refers. The Court concludes that
23 the Forest Service, like DOI, can choose to proceed cautiously in the face of uncertainty
24 regarding environmental impacts near the Grand Canyon or in the Kaibab National
25 Forest. The Forest Service participated in the EIS process, understood the uncertainties
26 described in the FEIS, and yet specifically concluded that it “supports the withdrawal of
27 its lands.” AR 3098. The Court does not find that conclusion arbitrary or capricious.

28 **3. BLM’s Resource Management Plan.**

 Plaintiffs argue that the Withdrawal contravenes BLM’s resource management
 plan (“RMP”) and that an amendment of the RMP was therefore required. Doc. 170 at

1 25-28. Defendants argue that withdrawals are outside the authority of BLM and that
2 RMPs need not contemplate nor encompass them – that withdrawal decisions are to be
3 made by Congress, the President, or the Secretary, entirely separate from RMPs.
4 Doc. 225 at 20.

5 More than 300,000 acres of the withdrawal land is managed under the Arizona
6 Strip RMP. AR 1626-27. Plaintiffs argue that the RMP does not contemplate the
7 Withdrawal, but rather specifies that the lands should remain open to mining. Doc. 170
8 at 26. The RMP, however, specifically excludes withdrawals in its contemplation of
9 future mineral leases, locations, and sales on that land. AR 30214 (stating under “desired
10 future conditions” that it would “[a]llow entire Arizona Strip FO to remain open to
11 mineral leasing, location, and sale *except where restricted by wilderness designation,*
12 *withdrawals,* or specific areas identified in this RMP”) (emphasis added). Plaintiffs
13 appear to argue that this phrase contemplates only existing withdrawals, but the plain
14 language is not so limited. Plaintiffs’ argument that the RMP conflicts with the
15 Withdrawal is therefore without merit.

16 Plaintiffs argue that an amendment to the RMP was required for the Withdrawal,
17 but point to no language that would require amendments to RMPs, and the Court has
18 been unable to locate any in 43 U.S.C. § 1714. Moreover, while § 1712 does require that
19 land use plans be updated and revised, Plaintiffs never pled a claim based on the
20 Secretary’s failure to update a land use plan.

21 **4. Tribal Resources.**

22 Although they do not label it as a claim under the FLPMA, the Coalition and
23 Quatterra argue that BLM’s consideration of tribal resources in the FEIS and ROD
24 exceeds statutory authority. Doc. 173 at 23. They object to the ROD’s conclusion that
25 “[a]ny mining within the sacred and traditional places of tribal people may degrade the
26 values of those lands to the tribes who use them” (AR 9), arguing that DOI has no
27 statutory authority to reach this conclusion. Plaintiffs cite various statutes that grant
28 protection to Native American interests and argue that the broad tribal concerns

1 addressed in the FEIS and ROD do not fall within any of these statutes.

2 The FLPMA, however, requires that “the public lands be managed in a manner
3 that will protect the quality of scientific, scenic, historical, ecological, environmental, air
4 and atmospheric, water resource, and archeological values.” 43 U.S.C. § 1701(a)(8). At
5 least two of the listed values – historical and archeological – apply to the tribal interests
6 addressed in the FEIS and ROD. Far from exceeding statutory authority, these values fall
7 squarely within the FLPMA.

8 Plaintiffs cite *Havasupai Tribe v. United States*, 752 F. Supp. 1471, 1486 (D. Ariz.
9 1990), and its concern about granting tribes “a veto power over activities on federal
10 land[.]” The tribes in that case, however, argued that they had a First Amendment free
11 exercise right to block development of their historical lands, a proposition which, if
12 accepted, truly would grant them veto power. Nothing similar is at work here. DOI
13 considered tribal resources in the FEIS and ROD as part of its obligation under the
14 FLPMA. It did not grant tribes a First Amendment veto over mining.

15 **VI. Establishment Clause.**

16 Plaintiff Yount argues that one of the government’s stated justifications for the
17 Withdrawal – that uranium mining in the Withdrawal area impacts cultural and tribal
18 resources and the impact cannot be mitigated effectively (AR 9-12) – is a violation of the
19 First Amendment’s Establishment Clause. Doc. 167 at 32-40. In assessing whether
20 government action violates the Establishment Clause, the Ninth Circuit follows *Lemon v.*
21 *Kurtzman*, 403 U.S. 602 (1971). See *Access Fund v. U.S. Dep’t. of Agric.*, 499 F.3d
22 1036, 1042 (9th Cir. 2007). Under the *Lemon* test, “an action or policy violates the
23 Establishment Clause if (1) it has no secular purpose; (2) its principal effect is to advance
24 religion; or (3) it involves excessive entanglement with religion.” *Access Fund*, 499 F.3d
25 at 1043 (citing 403 U.S. at 612-13). The Supreme Court has also phrased the
26 establishment inquiry as “whether the government, through its actions, impermissibly
27 endorses religion.” *Id.* (citing *Agostini v. Felton*, 521 U.S. 203, 235 (1997); *Cnty. of*
28 *Allegheny v. Am. Civil Liberties Union, Greater Pittsburgh Chapter*, 492 U.S. 573, 592-

1 93 (1989) (adopting endorsement and discussing it more generally). The Withdrawal
2 easily passes these tests.

3 **A. Secular purpose.**

4 Plaintiff Yount cites no record evidence to show that the purpose of the
5 Withdrawal was anything but secular. In fact, the ROD states four purposes for the
6 Withdrawal, each of which is secular: (1) to protect against threats and uncertainty
7 regarding water resources, (2) to protect against the impact of uranium mining on cultural
8 and tribal resources, (3) the need for more study of the impact of uranium mining on
9 other resources including wildlife, and (4) the existence of pre-approved mines and valid
10 existing rights in the withdrawn area. AR 9-12.

11 Yount contends that because he has urged the Court to hold that the threats to
12 water resources were not legitimate, that non-secular purpose was inadequate. Doc. 167
13 at 35-36. But even if the protection of tribal and cultural resources was the only purpose
14 asserted by the government, the protection of cultural and traditional values has been held
15 to be a proper secular purpose. *Access Fund*, 499 F.3d at 1043 (holding that Forest
16 Service's purpose to preserve a historic cultural area was a proper secular purpose);
17 *Mount Royal Joint Venture v. Kempthorne*, 477 F.3d 745, 752 (D.C. Cir. 2007) (finding
18 that a withdrawal that stated as one of its purposes the protection of areas of traditional
19 religious importance to Native Americans did not violate the Establishment Clause).

20 Yount argues that a federal action may only protect American Indian religious
21 beliefs and traditions if they "are tied to a specific site" eligible for listing under the
22 National Historic Preservation Act ("NHPA"). Doc. 167 at 37. In support, he cites
23 *Access Fund* and *Cholla Ready Mix, Inc. v. Civish*, 382 F.3d 969 (9th Cir. 2004), but
24 neither case holds that this is a requirement. As noted above, the FLPMA authorizes DOI
25 to consider historical and archeological values without regard to whether they concern
26 NHPA sites.

27 **B. Principal Effect and Excessive Entanglement.**

28 Yount contends that the Withdrawal violates the second and third prongs of the

1 *Lemon* test because the DOI was not “neutral” in its decisionmaking. Doc. 167 at 38. He
2 argues that “[t]he withdrawal gives the American Indians ‘veto power’ to prohibit
3 otherwise lawful land uses,” and “creates a preference for American Indian religious
4 activities over all other uses on federal lands.” Doc. 167 at 38-39.

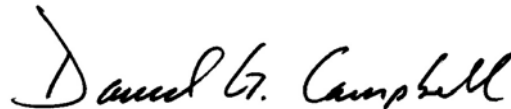
5 As the FEIS and ROD make clear, the Withdrawal does not primarily affect
6 religious interests; it primarily affects uranium mineral resources and seeks to protect
7 water and other natural and historical resources from the effects of mining those
8 resources. Additionally, it “neither regulates religious practices nor increases Native
9 American influence over management of the [area].” *Mount Royal*, 477 F.3d at 758. No
10 veto power is conferred on any tribe through the authorization of the Withdrawal.

11 **VII. Conclusion.**

12 Ultimately, the question in this case is whether DOI, when faced with uncertainty
13 due to a lack of definitive information, and a low risk of significant environmental harm,
14 can proceed cautiously by withdrawing land for a period of time under the FLPMA. The
15 Court can find no legal principle that prevents DOI from acting in the face of uncertainty.
16 Nor can the Court conclude that the Secretary abused his discretion or acted arbitrarily,
17 capriciously, or in violation of law when he chose to err on the side of caution in
18 protecting a national treasure – Grand Canyon National Park.

19 **IT IS ORDERED** that Defendants’ motions for summary judgment (Docs. 198,
20 208) are **granted**. Plaintiffs’ motions for summary judgment (Docs. 167, 170, 173) are
21 **denied**. The Clerk shall enter judgment accordingly and terminate this matter.

22 Dated this 30th day of September, 2014.

23
24
25 

26 _____
27 David G. Campbell
28 United States District Judge