

**Humphrey, Shonda (CONTR)**

**From:** Gunn, Alan L  
**Sent:** Wednesday, January 21, 2015 12:36 PM  
**To:** Lockie, Kelth A; Kamerman, David W  
**Subject:** FW: FYI - Today's 2 guest columns & a letter-to-editor in Idaho Falls Post Register

FYI

**From:** Jackson, Timothy B  
**Sent:** Wednesday, January 21, 2015 8:36 AM  
**To:** karin.brown@hq.doe.gov; Ramsay, Liz; Richards, Andrew; Provencher, Richard B; Gunn, Alan L; Furstenau, Raymond V; Lockie, Kelth A; Zimmerman, John P (Jack); Brennan, Shannon A; Bowhan, Brett R  
**Subject:** FYI - Today's 2 guest columns & a letter-to-editor in Idaho Falls Post Register

**Guest column: Who do you trust?**

**Posted:** January 21, 2015

**By** Cecil D. Andrus

*Andrus served four terms as Idaho's governor.*

There's an old country expression that the people of Idaho should take to heart: Keep your eye on the rabbit. In this case, the rabbit is the incontestable threat to Idaho's economic and environmental future presented by the storage above the Eastern Snake Plain Aquifer of nuclear waste, whether liquid, transuranic or solid in the form of spent fuel rods.

It would only take one major seismic event to precipitate nuclear-tainted material migrating to and beginning to infect the aquifer. Idahoans would see a major part of the state's agricultural economy, particularly the downstream potato, beet, alfalfa and trout farm businesses destroyed, never to recover.

Imagine how deadly one political cartoon showing an irradiated potato "going viral" would be?

One out of two residents in South Idaho obtain their culinary water directly or indirectly from the Snake River and/or the Eastern Snake Plain Aquifer. If you are one of those two, how would you feel about continuing to draw your household water from a compromised source?

There are several key matters the public should keep in mind.

Gov. Phil Batt's historic 1995 agreement that, to his lasting credit, he drove through the "Red Zone" was premised on a mutual agreement between the state and the federal government that all nuclear waste above the aquifer was to be removed from Idaho by 2035.

My fellow citizens, you are not going to reach that goal by adding to the waste instead of continuing to draw it down. Gov. Batt said it quite well: "You take an ounce of waste from the federal government, they want to give you 10,000 pounds."

The issue is not so much what 50 spent fuel rods weigh (EPA states they could weigh up to 1,500 pounds each) that Gov. Butch Otter wants to allow, nor how much revenue-generating research is going to be generated by the spent fuel rods. The issue is that Gov. Otter and Attorney General Lawrence Wasden are looking the other way as Idaho's National Laboratory increasingly becomes the de facto replacement for Yucca Mountain, Nev., as the nation's permanent repository.

The second fundamental issue is this: Who do you trust to look out for your interests with the "greatest good for the greatest number" as a guiding principle? Is it two governors who between them have served Idaho in one office or

another for a combined 80 years and have stood fast against Idaho becoming a dumping ground, or is it a federal government with a long history of breaking promises?

By the way, this is the same federal government that Gov. Otter so excoriated in his State of the State on a number of fronts. Why does he think they can be trusted to serve as "co-guardians" of Idaho's future?

Gov. Batt and I are giving the people of this great state a solemn pledge that we are going to ask some tough questions in the next few weeks. We intend to get answers. This is not the first time Gov. Otter has sought an exemption. Exceptions quickly turn to norms, and we believe his administration has operated far too long in the shadows on this critical matter.

We take seriously the oath of office we both first took as governors to uphold the Idaho Constitution and to serve the best interests of the people. Though we no longer hold public office, we believe it still applies and we intend to do our duty.

**Guest column: Questioning their claims**

Posted: January 21, 2015

By Jeff Thompson

*Thompson, a Republican from Idaho Falls, chairs the House Environment, Energy and Technology Committee and serves on the Leadership in Nuclear Energy (LINE) Commission.*

As chairman of the House Environment, Energy and Technology Committee, and as a member of the Governor's Leadership in Nuclear Energy (LINE) Commission, I follow issues related to the Idaho National Laboratory very closely.

As you might imagine, I was quite surprised when former governors Cecil Andrus and Phil Batt recently launched their barrage of criticism against our current governor and attorney general with the claim that an agreement with the Department of Energy has been "done in the dark of night in secrecy."

I knew that certainly was not the case — which caused me to question each of their other claims.

First, the minuscule amounts of valuable material that the INL wants to bring to the Lab for research and/or the challenges of starting up a half-billion dollar first-of-a-kind machine to treat high-level liquid waste have been part of every LINE 2.0 Commission meeting for the last year and a half.

Then, Andrus mistakenly claimed that more than 37 tons of used nuclear fuel was on its way to Idaho. The media did a quick fact check and corrected the record to show that, in fact, these two research projects only involved 200 pounds of used nuclear fuel.

That then led me to question how two former governors, whom I respect deeply, could claim that 200 pounds of used fuel — when I have seen how the Department of Energy and U.S. Navy are safely storing nearly 300 metric tons of used fuel in Idaho — was turning us into a waste dump.

The reality is that the state has been enforcing the 1995 Settlement Agreement with great success, and since January 2007, nearly 20,000 tons of radioactive waste has actually left the state.

Finally, I am very curious to hear the former governors' scientific explanations for how an extremely durable ceramic fuel, encased in metal rods, could somehow migrate to the aquifer and contaminate Idaho's entire potato crop. There is simply no scientific or rational basis to justify those irresponsible statements.

If our two former governors have science or data to support their rhetoric, the House Environment, Energy and Technology Committee will hold a hearing in a heartbeat to hear these new revelations.

If it is simply fear-mongering and politicking, our committee will continue to focus on energy and environmental issues of substance.

Thompson, a Republican from Idaho Falls, is chairman of the House Environment, Energy and Technology Committee and serves on the Leadership In Nuclear Energy (LINE) Commission.

Letter to the editor: Don't need more fuel

Posted: January 21, 2015

Received Jan. 16

(b) (6)

Idaho Falls

Today's Post Register headline, "Former governors blast Otter," is a timely example of why I'm obliged to take on the USA's nuclear establishment: It often lies, always obfuscates, rarely keeps promises and is almost never held accountable for its boondoggles (Luke's article is an exception).

For constructive changes to happen, someone must be willing to rock the boat.

In this example, Idaho's governor accepted a \$50-100 million bribe to abrogate the key promise made to previous Idaho governors in the 1995 Settlement Agreement; i.e., no more spent fuel until specified cleanup goals are met.

The rationale is, of course, the NE R&D establishment's need to do "research." The new spent fuel (50 to 100 kg of PWR fuel rods) is to be used for studying "recycling and fuel performance."

Since INL's only active fuel recycling R&D program is the pyroelectrometallurgical-based scheme dreamed up circa 2002 to feed its Sodium Fast Reactor (aka IFR) with spent LWR fuel actinides, that's what's apt to be "researched." That scheme makes no sense because any such fuel would cost far more to produce than it would be worth and therefore is/was a non-starter as far as the USA's nuclear power utilities are concerned.

INL is already "managing" about 290 MTHM's worth of every conceivable form of spent reactor fuel including an almost complete TMI II core's worth of PWR-type fuel rods; its fuel recycling R&D experts don't need more fuel to study.

**Humphrey, Shonda (CONTR)**

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**From:** Hansen, Rebecca B  
**Sent:** Wednesday, January 21, 2015 1:00 PM  
**To:** Lockle, Kellh A  
**Subject:** FW: Receipt of Research Quantities of Spent Nuclear Fuel at Idaho National Laboratory (PS-14-025)  
**Attachments:** PS-14-025 Offer proposed shipments combined notification and request 12-10-14.pdf  
**Importance:** High

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**From:** Hansen, Rebecca B  
**Sent:** Tuesday, December 23, 2014 12:27 PM  
**To:** [Susan.burke@deg.idaho.gov](mailto:Susan.burke@deg.idaho.gov)  
**Subject:** Receipt of Research Quantities of Spent Nuclear Fuel at Idaho National Laboratory (PS-14-025)  
**Importance:** High

Correspondence Transmittal:  
Your name or a supervisor's name is on distribution for this correspondence, please see attached file.

Thank you,

**Rebecca B. Hansen**  
Infrastructure / Program Support  
U.S. Department of Energy  
Idaho Operations Office  
208-526-1133  
[hansenrb@ld.doe.gov](mailto:hansenrb@ld.doe.gov)



## Department of Energy

Idaho Operations Office  
1955 Fremont Avenue  
Idaho Falls, ID 83415

December 16, 2014

The Honorable C. L. "Butch" Otter  
Governor of Idaho  
P.O. Box 83720  
Boise, Idaho 83720

**SUBJECT:** Receipt of Research Quantities of Spent Nuclear Fuel at Idaho National Laboratory  
(PS-14-025)

**REFERENCE:** Memorandum of Agreement, Department of Energy, Idaho Operations Office and the State of Idaho, Subject: Memorandum of Agreement Concerning Receipt, Storage, and Handling of Research Quantities of Commercial Spent Nuclear Fuel at the Idaho National Laboratory, dated January 6, 2011

Dear Governor Otter:

Consistent with the purpose and notification requirements of the Memorandum of Agreement (MOA) between the Department of Energy, Idaho Operations Office (DOE-ID) and the State of Idaho, we are pleased to notify you that initial preparations are being made for the first shipments to the Idaho National Laboratory (INL) of research materials under the January 6, 2011, MOA for two research projects. Your support of INL's researchers and unique capabilities has been instrumental in the commercial industry's confidence to conduct this research in Idaho. The research from these two projects is highly important to the nation's nuclear industry and aligns very well with the type of work envisioned when the MOA was approved in 2011. Due to the current restrictions on receipts of SNF to the INL, however, we are requesting specific approval to allow these two shipments to proceed.

The initial research project consists of one cask of 25 spent fuel rods, proposed for receipt in the June 2015 timeframe, from either the Byron Nuclear Generating Station in Illinois or the Three Mile Island Plant in Pennsylvania. The rods total 40-50 kg of heavy metal. INL's unique research capabilities will allow work to be conducted on the technical and economic feasibility and non-proliferation acceptability of electrochemical recycling of commercial light water reactor fuels, and for fuel performance studies for the nuclear industry. This research is part of an Office of Nuclear Energy research project which is funded and currently being implemented. The funding for this particular research project is expected to be in the range of \$10-20 M per year through approximately 2021. Waste streams are expected to include a small quantity of contact-handled low-level waste, remote-handled low-level waste, and remote-handled transuranic waste, and all waste streams will be managed in accordance with established INL practices.

December 16, 2014

The second project is proposed for the January 2016 timeframe. This second desired shipment consists of one cask of 25 spent fuel rods, totaling 40-50 kg of heavy metal, from the North Anna Power Station in Virginia, for research in support of a High Burn-up Dry Storage Cask R&D project with the Electric Power Research Institute (EPRI). This research with EPRI supports critical on-going work by the commercial nuclear power industry to maintain safe storage of spent nuclear fuel (SNF) at utility locations around the U.S. Any wastes generated from this research would also be managed in accordance with established INL practices. Funding associated with these examinations is anticipated to be ~\$4-8 M over the next 3-4 years (~\$1-2 M per year).

Although the shipments are not desired for several months, extensive planning and up-front logistics are in-progress now to ensure safe and effective shipments to INL, should they be allowed. Due to these extensive on-going preparations needed to support the desired shipment timelines, a prompt response to our request for approval from the State of Idaho would be extremely valuable. DOE stands ready to work closely with the appropriate State of Idaho organizations to provide additional details of these proposed shipments and address any questions.

Section 6(a) of the MOA requires specific information to be provided for shipments proposed during the following calendar year. As such, Enclosure 1 provides the required information for the shipment forecast for June 2015.

Thank you for your leadership and support of these significant research activities.

If you have any questions or comments regarding this submittal, please contact me at (208) 526-7300.

Sincerely,



Richard B. Provencher  
Manager

Enclosure

cc: Susan Burke, DEQ, State of Idaho Oversight Office  
Curt Fransen, DEQ, Director  
Clive Strong, Idaho Attorney General's Office

## **Enclosure 1 – Proposed Shipment in Support of Electrochemical Recycling Research**

This proposed shipment is one cask of 25 spent fuel rods, totaling approximately 40-50 kg of heavy metal, in June 2015 from the Byron Nuclear Generating Station in Illinois. In the event that the Byron plant is unable to participate, an alternative option is being developed (at a lower priority) to instead receive one cask of 25 spent fuel rods from AREVA and the Three Mile Island Station in Pennsylvania. The negotiations with both sets of fuel vendors and reactor owners are sensitive and ongoing. These used fuel rods will support research on the technical and economic feasibility and nonproliferation acceptability of electrochemical recycling of used fuel from commercial light water reactor fuels, and for fuel performance studies for the nuclear industry. The project funding is expected to be in the range of \$10-20 M per year through approximately 2021.

Section 6(a) of the Memorandum of Agreement (MOA) requires specific information to be provided for shipments proposed during the following calendar year. As such, this enclosure provides the required information for this proposed shipment.

- the source of Commercial Power spent nuclear fuel (SNF) – The preferred source for the used fuel rods is the Byron Nuclear Generating Station in Illinois. In the event that the Byron plant is unable to participate, an alternative option is being developed (at a lower priority) to instead receive one cask of 25 used fuel rods from the Three Mile Island Station in Pennsylvania. The negotiations with the fuel vendors and reactor owners are sensitive and ongoing. In either case, the received fuel will be intact fuel rods discharged from the reactor within the last fifteen years.
- the amount of MTHM contained in each shipment – The quantity of used nuclear fuel contained within 25 pressurized water reactor rods is estimated at 40-50 kg of heavy metal.
- the research purpose for each shipment including documentation showing that a research project has been authorized, contracted or funded – The research planned with these materials is part of the Office of Nuclear Energy's planned workscope for 2015 – 2020. The used fuel may be utilized for at least three purposes, including (i) a study of the technical and economic feasibility and nonproliferation acceptability of electrochemical recycling of used light water reactor fuel via electrochemical recycling and other used fuel management options, (ii) post-irradiation fuel examinations to investigate performance of higher-burnup fuels and advanced cladding materials (Westinghouse); (iii) transient testing and post-testing inspection activities improve understanding of advanced cladding performance in transient conditions to support accident tolerant fuel development, and funded by the Electric Power Research Institute (EPRI). Negotiations are currently in progress to establish the Westinghouse and the EPRI activities. The electrochemical recycling study is entering the fourth year of a 10-year study. The used fuel provides critical feedstock for the program. All fuel material will be utilized as feedstock for the electrochemical recycling investigations, regardless of the funding of Westinghouse or EPRI activities. As the electrochemical recycling work is a collaborative effort with an international partner and somewhat sensitive, additional details of the work are not provided here but could be made available if needed.

- the schedule for completion of the research project – The Westinghouse PIE project is scheduled to be complete in 2017. The EPRI work is scheduled to be complete in 2018. The electrochemical recycling investigation is currently in the fourth year of a 10-year study, scheduled to complete no sooner than 2020.
- the anticipated volume of waste to be generated by the research – During the performance of this research, four types of wastes will be generated, with the majority being low level. Contact-handled low-level waste (CH-LLW) includes sample residues and associated wastes (e.g. protective clothing, wipes, vials) generated from sample analyses during fuel characterization and testing. Much of this can be compacted and is not expected to exceed a few cubic meters over the life of the project. Low-level liquid wastes are also generated during sample analyses. These wastes are neutralized and solidified. Remote-handled low-level wastes (RH-LLW) will be generated with irradiated reactor hardware, facility or system filters, and the eventual disposal of equipment. Contact-handled and remote-handled transuranic solid wastes (CH-TRU, RH-TRU) will be generated from the eventual disposal of product samples & analysis wastes, electrochemistry electrolytes, materials from waste form research & development activities, and some equipment disposal. The volume of TRU wastes should not exceed 1 cubic meter.
- the potential disposition path for remaining SNF material – It is possible that small sections of the fuel may be archived in the commercial fuel library. All other used fuel material will be consumed by testing in the electrochemical recycling study. Waste streams will include CH-LLW, RH-LLW, and some CH-TRU and RH-TRU.



**Humphrey, Shonda (CONTR)**

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**From:** McCaughey, Bill  
**Sent:** Friday, December 28, 2012 12:48 PM  
**To:** Boyle, William; Griffith, Andrew; Herczeg, John; Price, Robert; Regalbuto, Monica; Szymanski, William; Williams, Jeffrey R  
**Subject:** Snake River Alliance Comments on Idaho's LINE Commission Report  
**Attachments:** snake-river-alliance-press-release-pdf.pdf; snake-river-alliance-s-response-pdf.pdf

Attached is a 12/21/12 press release and 9-page letter from Snake River Alliance commenting on Idaho's Leadership In Nuclear Energy (LINE) Commission report. The LINE Commission released their progress report on December 3, and asked for comments by January 4.

The Alliance's main comments:

- The 1995 Settlement Agreement banning new waste shipments into INL should not be changed.
- The most important mission at INL is to clean up a decades-old legacy of contamination above the Snake River Aquifer.
- A consent-based interim storage facility might become a lifelong dump, invitation or not. The LINE Commission must not encourage the risk.

Snake River Alliance bills itself as: "Idaho's Nuclear Watchdog & Clean Energy Advocate."

Bill

Humphrey, Shonda (CONTR)

From: Williams, Jeffrey R  
Sent: Monday, June 16, 2014 9:21 AM  
To: Lockle, Keith  
Cc: Mc Clellan, Gordon R (NE-ID)  
Subject: RE: Possible meeting with Liz Ramsay

(b) (5)

From: Lockle, Keith  
Sent: Monday, June 16, 2014 8:40 AM  
To: Williams, Jeffrey R  
Cc: Mc Clellan, Gordon R (NE-ID)  
Subject: RE: Possible meeting with Liz Ramsay

Ok - I guess we'll be crossing paths next week. Sorry we will miss you, Jeff. (b) (5)

(b) (5)  
(b) (5)

Thanks. Keith

From: Williams, Jeffrey R [mailto:Jeff.Williams@nuclear.energy.gov]  
Sent: Thursday, June 12, 2014 8:27 PM  
To: Lockle, Keith A; Griffith, Andrew  
Cc: Furstenau, Raymond V; Gunn, Alan L; Mc Clellan, Gordon R; Bates, Melissa C; Kamerman, David W  
Subject: Re: Possible meeting with Liz Ramsay

I will be in Idaho those days.

Sent using BlackBerry

From: Lockle, Keith  
Sent: Friday, June 13, 2014 01:30 AM  
To: Griffith, Andrew; Williams, Jeffrey R  
Cc: Furstenau, Raymond V (NE-ID); Gunn, Alan L. <GUNNAL@id.doe.gov>; Mc Clellan, Gordon R (NE-ID); Bates, Melissa C <batesmc@id.doe.gov>; Kamerman, David W <kamermdw@id.doe.gov>  
Subject: Possible meeting with Liz Ramsay

Hi Andy and Jeff - (b) (5)  
(b) (5)

(b) (5) will be back in DC on the 24<sup>th</sup> and 25<sup>th</sup> of this month. I wanted to see if I could meet with you on this topic when I am there.

(b) (5)

Would you have time to meet with me on the 25<sup>th</sup>? And (b) (5)

(b) (5) Thanks. (b) (5)

Keith

Hi Liz and Alison - (b) (5)  
(b) (5)

(b) (5)

(b) (5)

I will be in DC on the 24<sup>th</sup> of June for some meetings, and plan to stay through the 25<sup>th</sup>. Do you have some time on the 25<sup>th</sup> so I can meet with you and give you the latest on these items, and (b) (5)

Thanks. Keith

Humphrey, Shonda (CONTR)

From: Lockie, Keith  
Sent: Monday, June 16, 2014 1:38 PM  
To: Larson, Ned (NE-NEV)  
Cc: Boyle, William; Mc Clellan, Gordon R (NE-ID); Bates, Melissa  
Subject: Sister Pins Meeting

Hi Ned (b) (5)  
(b) (5)

[Redacted]

(b) (5)  
(b) (5) Thanks. (b) (5)  
(b) (5) Keith

Hi Liz and Alison -- (b) (5)  
(b) (5)

(b) (5)

(b) (5)



(b) (5)



I will be in DC on the 24<sup>th</sup> of June for some meetings, and plan to stay through the 25<sup>th</sup>. Do you have some time on the 25<sup>th</sup> so I can meet with you and give you the latest on these items, and (b) (5)

(b) (5)

Thanks. Keith

**Humphrey, Shonda (CONTR)**

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**From:** Lockle, Kellh  
**Sent:** Tuesday, June 17, 2014 10:26 AM  
**To:** Griffith, Andrew  
**Cc:** Herczeg, John  
**Subject:** RE: Possible meeting with Liz Ramsay

Sounds great – thank you , Andy. Keith

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**From:** Griffith, Andrew [mailto:ANDREW.GRIFFITH@nuclear.energy.gov]  
**Sent:** Tuesday, June 17, 2014 8:19 AM  
**To:** Lockle, Kellh A  
**Cc:** Herczeg, John  
**Subject:** Re: Possible meeting with Liz Ramsay

Keith,

(b) (5) and will try to call in from N/R where I will be in an all day meeting on the 25th.

Thanks,  
Andy

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**From:** Lockle, Kellh  
**Sent:** Tuesday, June 17, 2014 10:06 AM  
**To:** Griffith, Andrew  
**Subject:** FW: Possible meeting with Liz Ramsay

Hi Andy – (b) (5)

(b) (5)

(b) (5) Thanks. Keith

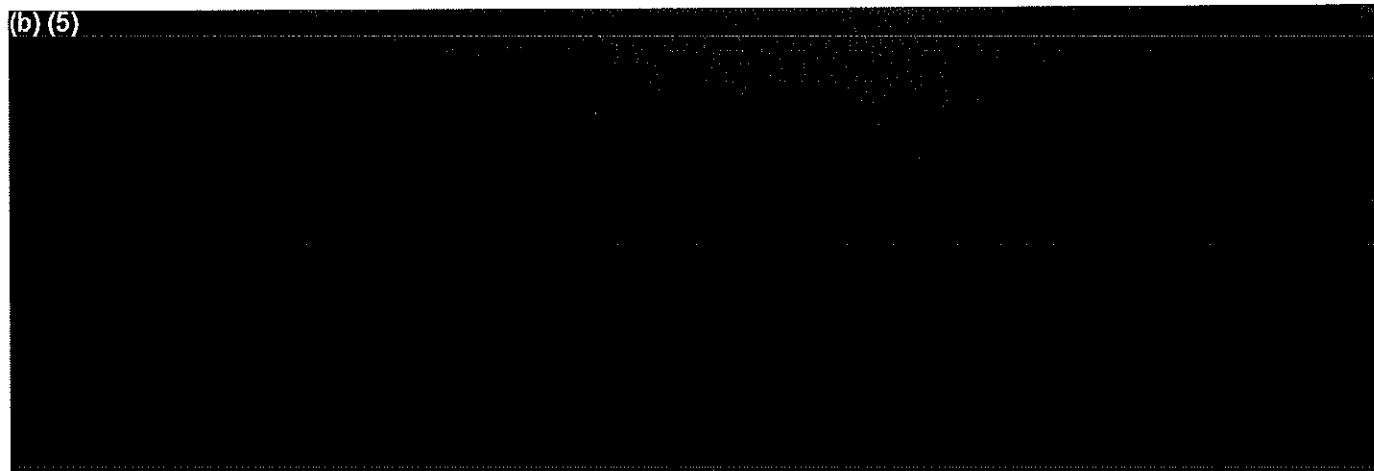
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Hi Liz and Allson – (b) (5)

(b) (5)

(b) (5)

(b) (5)





(b) (5)

I will be in DC on the 24<sup>th</sup> of June for some meetings, and plan to stay through the 25<sup>th</sup>. Do you have some time on the 25<sup>th</sup> so I can meet with you and give you the latest on these items, and (b) (5)

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**From:** Lockie, Keith A  
**Sent:** Monday, June 16, 2014 6:38 AM  
**To:** Griffith, Andrew  
**Cc:** Mc Clellan, Gordon R ([mcclelgr@ld.doe.gov](mailto:mcclelgr@ld.doe.gov))  
**Subject:** RE: Possible meeting with Liz Ramsay

Ok – thanks, Andy – Gordon and I are N/R [redacted] on the 24<sup>th</sup>, but I don't think it will go all day, so I will see if we can catch you later in the day on the 24<sup>th</sup> at FORS.

Also - (b) (5)

(b) (5)

Thanks. Keith

---

**From:** Griffith, Andrew [<mailto:ANDREW.GRIFFITH@nuclear.energy.gov>]  
**Sent:** Friday, June 13, 2014 5:40 AM  
**To:** Lockie, Keith A; Williams, Jeffrey R  
**Cc:** Furstenau, Raymond V; Gunn, Alan L; Mc Clellan, Gordon R; Bates, Melissa C; Kamerman, David W  
**Subject:** RE: Possible meeting with Liz Ramsay

Hello Keith,

The 24<sup>th</sup> actually works better for me. I'm scheduled for an all-day meeting on the 25<sup>th</sup> (b) (5)

(b) (5)

I also plan to be in FORS on the

24<sup>th</sup> (b) (6)

Thanks,  
Andy

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**From:** Lockie, Keith  
**Sent:** Thursday, June 12, 2014 6:30 PM  
**To:** Griffith, Andrew; Williams, Jeffrey R  
**Cc:** Furstenau, Raymond V (NE-ID); Gunn, Alan L; Mc Clellan, Gordon R (NE-ID); Bates, Melissa C; Kamerman, David W  
**Subject:** Possible meeting with Liz Ramsay

Hi Andy and Jeff – (b) (5)

(b) (5)

(b) (5) I will be back in DC on the 24<sup>th</sup> and 25<sup>th</sup> of this month. I wanted to see if I could meet with you on this topic when I am there.

(b) (5)

Would you have time to meet with me on the 25<sup>th</sup>? And (b) (5)  
(b) (5) Thanks. (b) (5) Keith

Hi Liz and Alison - (b) (5)  
(b) (5)

(b) (5)

(b) (5)



I will be in DC on the 24<sup>th</sup> of June for some meetings, and plan to stay through the 25<sup>th</sup>. Do you have some time on the 25<sup>th</sup> so I can meet with you and give you the latest on these items, and (b) (5)

(b) (5)

Thanks. Keith

**Humphrey, Shonda (CONTR)**

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**From:** Wagner, Mary Louise  
**Sent:** Thursday, July 03, 2014 1:26 PM  
**To:** Trummell, Candice; Connell, Elizabeth  
**Cc:** Burnison, Melissa; Jones, Colln  
**Subject:** RE: Today's Post Register Editorial

Thanks

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~~**From:** Trummell, Candice  
**Sent:** Thursday, July 03, 2014 1:23 PM  
**To:** Connell, Elizabeth; Wagner, Mary Louise  
**Cc:** Burnison, Melissa; Jones, Colln  
**Subject:** FW: Today's Post Register Editorial~~

FYI

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**From:** Miller, Danielle  
**Sent:** Thursday, July 03, 2014 10:51 AM  
**To:** Burnison, Melissa; Trummell, Candice; Jones, Colln  
**Cc:** Craun, Richard L. (Richard)  
**Subject:** FW: Today's Post Register Editorial

FYI

Danielle Miller  
 DOE-ID Communications

-----Original Message-----

**From:** Jackson, Timothy B  
**Sent:** Thursday, July 03, 2014 08:26 AM Mountain Standard Time  
**To:** Provencher, Richard B; Zimmerman, John P; Cooper, James R; Grose, Amy E; Brennan, Shannon A; Miller, Danielle C; Furstenau, Raymond V; Gunn, Alan L; Lockie, Keith A; Perkins, Teresa L; Boston, Robert D  
**Subject:** Today's Post Register Editorial

**House editorial: Eyes on the ball**  
*By Post Register Editorial Page Editor Corey Taule*  
 July 3, 2014

Give Gov. C.L. "Butch" Otter credit. His statement about changes to the waste cleanup contracts at the Idaho National Laboratory was on point.

"In the near term, DOE needs to complete the work on the liquid waste, get all of the targeted waste out of the ground and then get caps installed," Otter said. "The current contractors are making progress on these milestones, and we want to see that progress continue."

The bureaucracy enabling the cleanup is changing — from two contracts to four. But the 1995 Settlement Agreement between Idaho and the federal government has not changed. Neither has the resolve of Idahoans determined to mitigate threats to the Snake River Aquifer.

Folks in Washington, D.C., should know Idahoans have not forgotten that in the 1950s the feds began disposing of waste in our backyard without permission, burying contaminated materials near the largest freshwater aquifer on the continent.

Those who were there, such as former Gov. Cecil Andrus, remind us about the broken promises and battles that led to the agreement. We thank them for it and will not forget their struggle.

But neither can we ignore the remarkable cleanup progress made in the past decade, or how the death of the national repository at Yucca Mountain will inevitably affect the Settlement Agreement.

We cannot, in our quest to see the terms of that deal fulfilled, forget that cleanup and the economic future of the lab are inexorably tied; that as the work continues to get done, policymakers at the federal, state and local levels must be actively seeking ways to expand the mission of an entity that produces \$3.5 billion in annual economic activity for Idaho.

Three years ago, Otter approved a minor change to the agreement, allowing the state to import small quantities of commercial fuel. That tweak has so far resulted in two deals bringing in \$25 million annually to the INL. More importantly, it did nothing to undermine the guts of the Settlement Agreement or harm the environment. You have heard this from us before and will likely hear it again. The lab, following the clean it up and close it down panic of 2003, has done an admirable job reinventing itself. From staring into the abyss — a Bush Administration recommendation that the lab be shuttered to becoming the nation's lead nuclear energy research laboratory — the past decade has seen important work conducted, despite thousands of jobs lost before and during the recession.

Continuing to build upon that momentum is vital, to the region, the state and a nation that wants to seriously address global warming. Growing the lab's mission depends upon one thing: cleaning up the messes the feds left behind.

Whether that involves two contracts or four matters little. The impact on cleanup jobs isn't the issue. The cleanup effort is not a jobs program. It's about getting the job done.

DOE can dot I's and cross T's however it sees fit, so long as whoever gets hired understands what's at stake and that we'll be watching.

**Humphrey, Shonda (CONTR)**

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**From:** Lyons, Peter  
**Sent:** Thursday, July 03, 2014 7:28 PM  
**To:** MIOTLA; Elizabeth.Ramsay  
**Subject:** RE: FYI-Today's Idaho Falls Post Register newspaper editorial

Well worded!

-----Original Message-----

**From:** Miotla, Dennis  
**Sent:** Thursday, July 03, 2014 12:43 PM Eastern Standard Time  
**To:** Lyons, Peter; Ramsay, Liz  
**Subject:** FW: FYI-Today's Idaho Falls Post Register newspaper editorial

A very good article., (b) (5)  
 (b) (5)

**From:** Jackson, Timothy B (NE-ID)  
**Sent:** Thursday, July 03, 2014 12:37 PM  
**To:** Kennedy, Alison; Bishop, Tracey; McCune, Mary; Miotla, Dennis; Brennan, Shannon A (NE-ID)  
**Subject:** FYI-Today's Idaho Falls Post Register newspaper editorial

**House editorial: Eyes on the ball**  
*By Post Register Editorial Page Editor Corey Taule*  
 July 3, 2014

Give Gov. C.L. "Butch" Otter credit. His statement about changes to the waste cleanup contracts at the Idaho National Laboratory was on point.

"In the near term, DOE needs to complete the work on the liquid waste, get all of the targeted waste out of the ground and then get caps installed," Otter said. "The current contractors are making progress on these milestones, and we want to see that progress continue."

The bureaucracy enabling the cleanup is changing — from two contracts to four. But the 1995 Settlement Agreement between Idaho and the federal government has not changed. Neither has the resolve of Idahoans determined to mitigate threats to the Snake River Aquifer.

Folks in Washington, D.C., should know Idahoans have not forgotten that in the 1950s the feds began disposing of waste in our backyard without permission, burying contaminated materials near the largest freshwater aquifer on the continent.

Those who were there, such as former Gov. Cecil Andrus, remind us about the broken promises and battles that led to the agreement. We thank them for it and will not forget their struggle.

But neither can we ignore the remarkable cleanup progress made in the past decade, or how the death of the national repository at Yucca Mountain will inevitably affect the Settlement Agreement.

We cannot, in our quest to see the terms of that deal fulfilled, forget that cleanup and the economic future of the lab are inexorably tied; that as the work continues to get done, policymakers at the federal, state and local levels must be actively seeking ways to expand the mission of an entity that produces \$3.5 billion in annual economic activity for Idaho.

Three years ago, Otter approved a minor change to the agreement, allowing the state to import small quantities of commercial fuel. That tweak has so far resulted in two deals bringing in \$25 million annually to the INL. More importantly, it did nothing to undermine the guts of the Settlement Agreement or harm the environment.

You have heard this from us before and will likely hear it again. The lab, following the clean it up and close it down panic of 2003, has done an admirable job reinventing itself. From staring into the abyss — a Bush Administration recommendation that the lab be shuttered to becoming the nation's lead nuclear energy research laboratory — the past decade has seen important work conducted, despite thousands of jobs lost before and during the recession.

Continuing to build upon that momentum is vital, to the region, the state and a nation that wants to seriously address global warming. Growing the lab's mission depends upon one thing: cleaning up the messes the feds left behind.

Whether that involves two contracts or four matters little. The impact on cleanup jobs isn't the issue. The cleanup effort is not a jobs program. It's about getting the job done.

DOE can dot I's and cross T's however it sees fit, so long as whoever gets hired understands what's at stake and that we'll be watching.

Humphrey, Shonda (CONTR)

---

From: Furstenu, Ray (NE-ID)  
Sent: Thursday, December 11, 2014 6:59 PM  
To: Ramsay, Liz  
Subject: Draft letter  
Attachments: PS-14-025 Otter proposed shipments combined notification and request 12-10-14.pdf; Idaho-1995\_Settlement\_Agreement.pdf; commercial\_fuels\_agreement\_2011.pdf; PS-14-025 Otter proposed shipments combined notification and request 12-10-14.docx

Liz:

Attached are pdf and Word versions of the draft letter we discussed.

(b) (5)

(b) (5)

(b) (5)

Thanks again for your help on this. Please let me know if you have any questions. I will be in the office all day tomorrow. You can also call my cell phone (b) (6) anytime.

Ray





**Department of Energy**  
Idaho Operations Office  
1955 Fremont Avenue  
Idaho Falls, ID 83415

The Honorable C. L. "Butch" Otter  
Governor of Idaho  
P.O. Box 83720  
Boise, Idaho 83720

**SUBJECT:** Receipt of Research Quantities of Spent Nuclear Fuel at Idaho National Laboratory  
(PS-14-025)

**REFERENCE:** Memorandum of Agreement, Department of Energy, Idaho Operations Office  
and the State of Idaho, Subject: Memorandum of Agreement Concerning  
Receipt, Storage, and Handling of Research Quantities of Commercial Spent  
Nuclear Fuel at the Idaho National Laboratory, dated January 6, 2011

Dear Governor Otter:

Consistent with the purpose and notification requirements of the Memorandum of Agreement (MOA) between the Department of Energy, Idaho Operations Office (DOE-ID) and the State of Idaho, we are pleased to notify you that initial preparations are being made for the first shipment to the Idaho National Laboratory (INL) of research materials allowed under the January 6, 2011, MOA.

This initial research project will consist of one cask of 25 spent fuel rods, proposed for receipt in the June 2015 timeframe, from either the Byron Nuclear Generating Station in Illinois or the Three Mile Island Plant in Pennsylvania. The rods total 40-50 kg of heavy metal. INL's unique research capabilities will allow work to be conducted on the technical and economic feasibility and non-proliferation acceptability of electrochemical recycling of commercial light water reactor fuels, and for fuel performance studies for the nuclear industry. This research is part of an Office of Nuclear Energy research project which is funded and currently being implemented. The funding for this particular research project is expected to be in the range of \$10-20 M per year through approximately 2021. Waste streams are expected to include a small quantity of contact-handled low-level waste, remote-handled low-level waste, and remote-handled transuranic waste, and all waste streams will be managed in accordance with established INL practices.

(b) (5) [REDACTED] proposed for the January 2016 timeframe. This second desired shipment consists of one cask of 25 spent fuel rods, totaling 40-50 kg of heavy metal, from the North Anna Power Station in Virginia, for research in support of a High

Burn-up Dry Storage Cask R&D project with the Electric Power Research Institute (EPRI). This research with EPRI supports critical on-going work by the commercial nuclear power industry to maintain safe storage of spent nuclear fuel (SNF) at utility locations around the U.S. Any wastes generated from this research would also be managed in accordance with established INL practices. Funding associated with these examinations is anticipated to be ~ \$4-8 M over the next 3-4 years (~\$1-2 M per year).

Your support of INL's researchers and unique capabilities has been instrumental in the commercial industry's confidence to conduct this research in Idaho. The research from these two projects is highly important to the nation's nuclear industry and aligns very well with the type of work envisioned when the MOA was approved in 2011. Due to the current restrictions on receipts of SNF to the INL, however, we are requesting specific approval to allow these two shipments to proceed.

Although the shipments are not desired for several months, extensive planning and up-front logistics are in-progress now to (b) (5) safe and effective shipments to INL, should they be allowed. Due to these extensive on-going preparations needed to support the desired shipment timelines, a prompt response from the State of Idaho would be extremely valuable. DOE stands ready to work closely with the appropriate State of Idaho organizations to provide additional details of these proposed shipments and address any questions.

Section 6(a) of the MOA requires specific information to be provided for shipments proposed during the following calendar year. As such, Enclosure 1 provides the required information for the shipment forecast for June 2015.

Thank you for your leadership and support of these significant research activities.

If you have any questions or comments regarding this submittal, please contact me at (208) 526-7300.

Sincerely,

Richard B. Provencher  
Manager

Enclosure

cc: Susan Burke, DEQ, State of Idaho Oversight Office  
Curt Fransen, DEQ, Director  
Clive Strong, Idaho Attorney General

## Enclosure 1 – Proposed Shipment in Support of Electrochemical Recycling Research

This proposed shipment is one cask of 25 spent fuel rods, totaling approximately 40-50 kg of heavy metal, in June 2015 from the Byron Nuclear Generating Station in Illinois. In the event that the Byron plant is unable to participate, an alternative option is being developed (at a lower priority) to instead receive one cask of 25 spent fuel rods from AREVA and the Three Mile Island Station in Pennsylvania. The negotiations with both sets of fuel vendors and reactor owners are sensitive and ongoing. These used fuel rods will support research on the technical and economic feasibility and nonproliferation acceptability of electrochemical recycling of used fuel from commercial light water reactor fuels, and for fuel performance studies for the nuclear industry. The project funding is expected to be in the range of \$10-20 M per year through approximately 2021.

Section 6(a) of the Memorandum of Agreement (MOA) requires specific information to be provided for shipments proposed during the following calendar year. As such, this enclosure provides the required information for this proposed shipment.

- the source of Commercial Power spent nuclear fuel (SNF) – The preferred source for the used fuel rods is the Byron Nuclear Generating Station in Illinois. In the event that the Byron plant is unable to participate, an alternative option is being developed (at a lower priority) to instead receive one cask of 25 used fuel rods from the Three Mile Island Station in Pennsylvania. The negotiations with the fuel vendors and reactor owners are sensitive and ongoing. In either case, the received fuel will be intact fuel rods discharged from the reactor within the last fifteen years.
- the amount of MTHM contained in each shipment – The quantity of used nuclear fuel contained within 25 pressurized water reactor rods is estimated at 40-50 kg of heavy metal.
- the research purpose for each shipment including documentation showing that a research project has been authorized, contracted or funded – The research planned with these materials is part of the Office of Nuclear Energy's planned workscope for 2015 – 2020. The used fuel may be utilized for at least three purposes, including (i) a study of the technical and economic feasibility and nonproliferation acceptability of electrochemical recycling of use light water reactor fuel via electrochemical recycling and other used fuel management options; (ii) post-irradiation fuel examinations to investigate performance of higher-burnup fuels and advanced cladding materials (Westinghouse); (iii) transient testing and post-testing inspection activities improve understanding of advanced cladding performance in transient conditions to support accident tolerant fuel development, and funded by the Electric Power Research Institute (EPRI). Negotiations are currently in progress to establish the Westinghouse and the EPRI activities. The electrochemical recycling study is entering the fourth year of a 10-year study. The used fuel provides critical feedstock for the program. All fuel material will be utilized as feedstock for the electrochemical recycling investigations, regardless of the funding of Westinghouse or EPRI activities. As the electrochemical recycling work is a collaborative effort with an international partner and somewhat sensitive, additional details of the work are not provided here but could be made available if needed.
- the schedule for completion of the research project – The Westinghouse PIE project is scheduled to be complete in 2017. The EPRI work is scheduled to be complete in 2018.

The electrochemical recycling investigation is currently in the fourth year of a 10-year study, scheduled to complete no sooner than 2020.

- the anticipated volume of waste to be generated by the research – During the performance of this research, four types of wastes will be generated, with the majority being low level. Contact-handled low-level waste (CH-LLW) includes sample residues and associated wastes (e.g. protective clothing, wipes, vials) generated from sample analyses during fuel characterization and testing. Much of this can be compacted and is not expected to exceed a few cubic meters over the life of the project. Low-level liquid wastes are also generated during sample analyses. These wastes are neutralized and solidified. Remote-handled low-level wastes (RH-LLW) will be generated with irradiated reactor hardware, facility or system filters, and the eventual disposal of equipment. Contact-handled and remote-handled transuranic solid wastes (CH-TRU, RH-TRU) will be generated from the eventual disposal of product samples & analysis wastes, electrochemistry electrolytes, materials from waste form research & development activities, and some equipment disposal. The volume of TRU wastes should not exceed 1 cubic meter.
- the potential disposition path for remaining SNF material – It is possible that small sections of the fuel may be archived in the commercial fuel library. All other used fuel material will be consumed by testing in the electrochemical recycling study. Waste streams will include CH-LLW, RH-LLW, and some CH-TRU and RH-TRU.

**Humphrey, Shonda (CONTR)**

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**From:** Ramsay, Liz  
**Sent:** Thursday, December 11, 2014 8:43 PM  
**To:** Furstenau, Ray (NE-ID)  
**Subject:** RE: Draft letter

Thanks so much, Ray! I will follow up soon.

Liz Ramsay  
Chief of Staff  
Office of Nuclear Energy

-----Original Message-----

**From:** Furstenau, Ray (NE-ID)  
**Sent:** Thursday, December 11, 2014 08:26 PM Eastern Standard Time  
**To:** Ramsay, Liz  
**Subject:** RE: Draft letter

Liz:  
FYI. (b) (5)  
(b) (5)

Ray

---

**From:** Furstenau, Raymond V  
**Sent:** Thursday, December 11, 2014 4:59 PM  
**To:** Ramsay, Liz  
**Subject:** Draft letter

Liz:  
Attached are pdf and Word versions of the draft letter we discussed. (b) (5)  
(b) (5)

(b) (5)

Thanks again for your help on this. Please let me know if you have any questions. I will be in the office all day tomorrow. You can also call my cell phone (b) (6) anytime.

Ray

Humphrey, Shonda (CONTR)

N/R



N/R



**From:** Furstenau, Ray (NE-ID)  
**Sent:** Friday, December 12, 2014 12:31 PM  
**To:** Miotla, Dennis; Bishop, Tracey  
**Subject:** RE:

Dennis:

(b) (5)



N/R



Thanks.

Ray

---

**From:** Miotla, Dennis [<mailto:Dennis.Miotla@nuclear.energy.gov>]  
**Sent:** Friday, December 12, 2014 10:00 AM  
**To:** Furstenau, Raymond V; Bishop, Tracey L  
**Subject:** FW:

(b) (5)



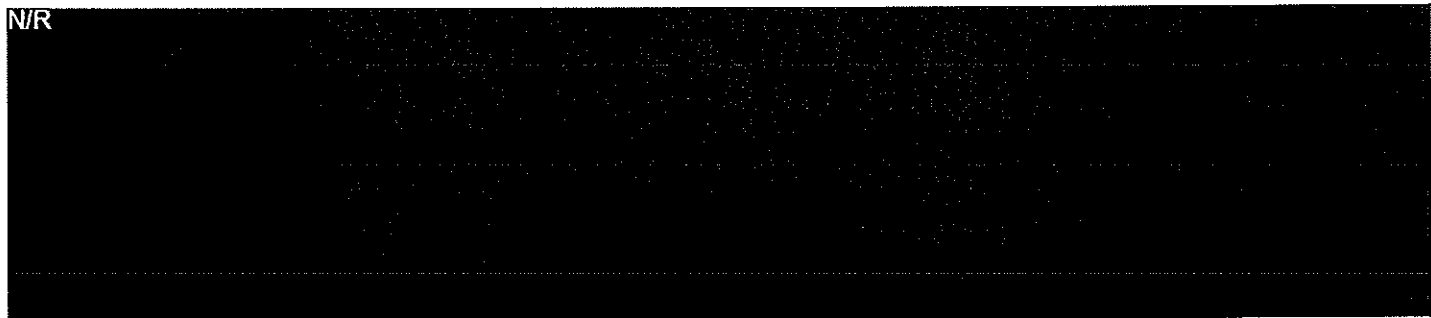
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N/R

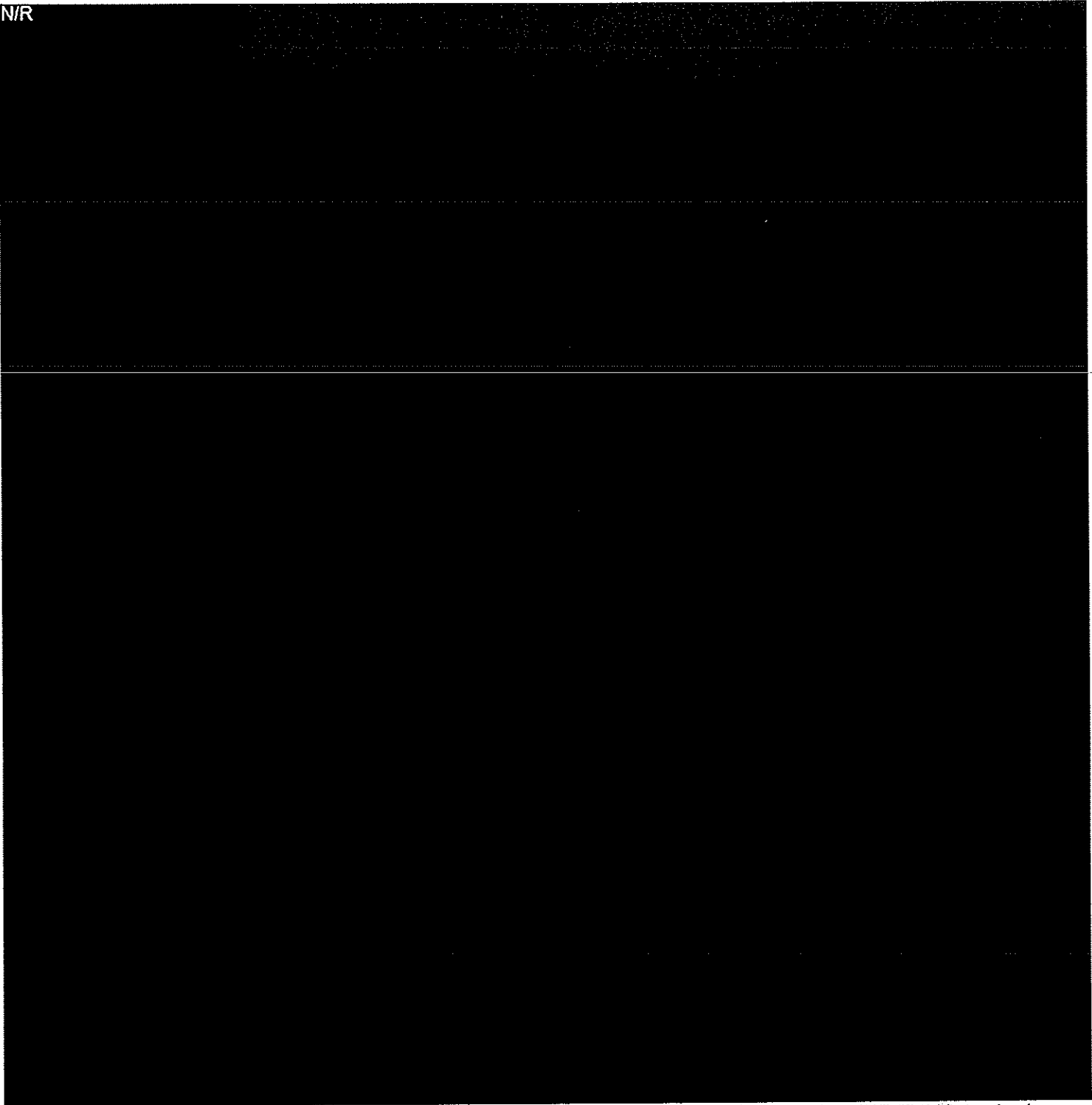


Humphrey, Shonda (CONTR)

N/R



N/R



**From:** Furstenau, Ray (NE-ID)  
**Sent:** Friday, December 12, 2014 12:31 PM  
**To:** Miotla, Dennis; Bishop, Tracey  
**Subject:** RE:

Dennis:  
(b) (5)



(b) (5)



N/R



Thanks.

Ray

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**From:** Miotla, Dennis [<mailto:Dennis.Miotla@nuclear.energy.gov>]  
**Sent:** Friday, December 12, 2014 10:00 AM  
**To:** Furstenau, Raymond V; Bishop, Tracey L  
**Subject:** FW:

(b) (5)



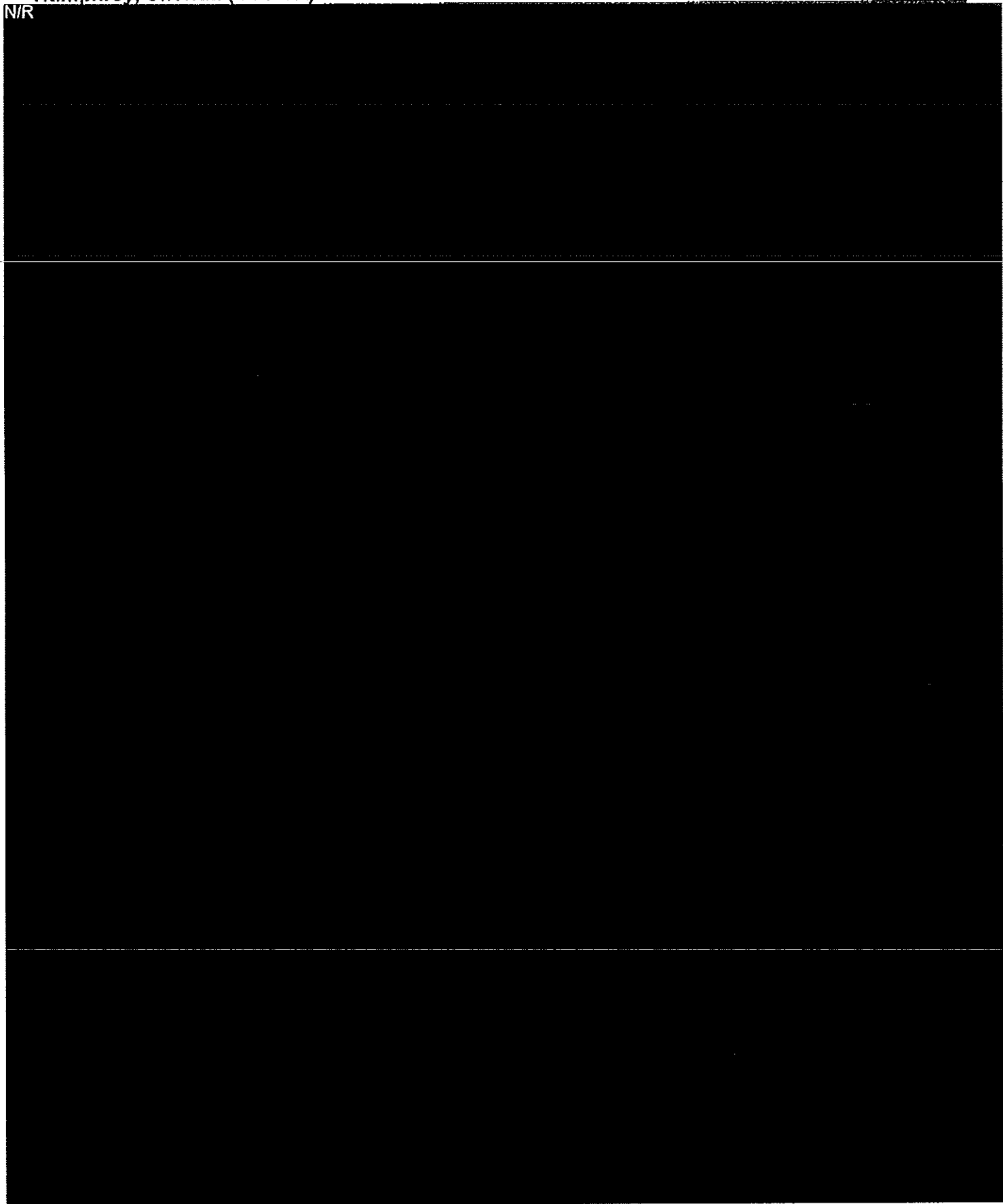
N/R



NIR



Humphrey, Shonda (CONTR)



N/R

N/R



**From:** Furstenau, Ray (NE-ID)  
**Sent:** Friday, December 12, 2014 12:31 PM  
**To:** Mlotla, Dennis; Bishop, Tracey  
**Subject:** RE:

Dennis:

(b) (5)



N/R



Thanks.

Ray

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**From:** Mlotla, Dennis [<mailto:Dennis.Mlotla@nuclear.energy.gov>]  
**Sent:** Friday, December 12, 2014 10:00 AM  
**To:** Furstenau, Raymond V; Bishop, Tracey L  
**Subject:** FW:

(b) (5)

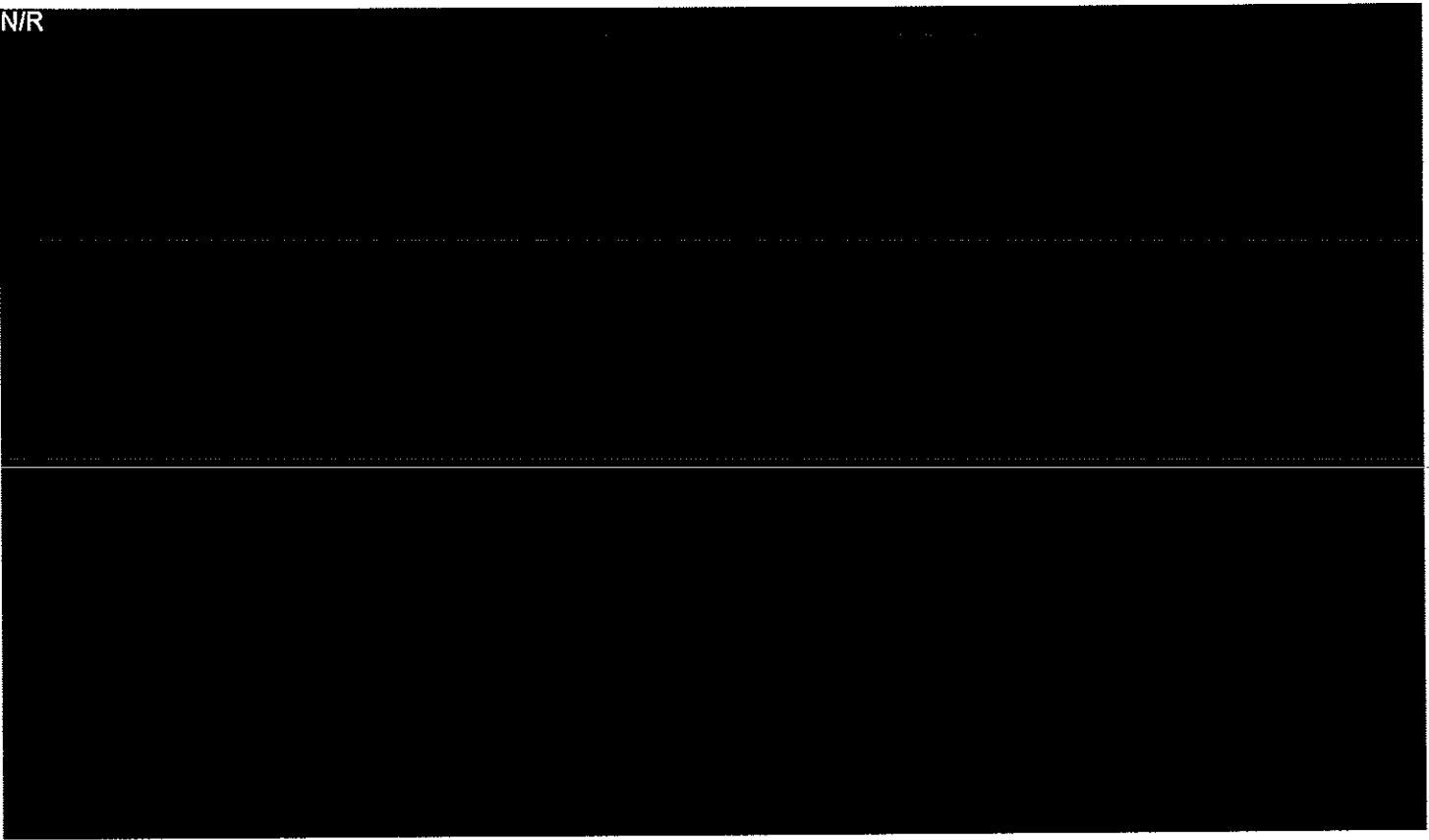
A solid black rectangular redaction box covering several lines of text.

N/R

A large, solid black rectangular redaction box covering the majority of the page's content, starting below the 'N/R' label and extending nearly to the bottom of the page.



N/R



Humphrey, Shonda (CONTR)

N/R



**From:** Furstenau, Ray (NE-ID)  
**Sent:** Friday, December 12, 2014 12:31 PM  
**To:** Mlotla, Dennis; Bishop, Tracey  
**Subject:** RE:

Dennis:

(b) (5)



N/R



Thanks.

Ray

**From:** Mlotla, Dennis [<mailto:Dennis.Mlotla@nuclear.energy.gov>]  
**Sent:** Friday, December 12, 2014 10:00 AM  
**To:** Furstenau, Raymond V; Bishop, Tracey L  
**Subject:** FW:

(b) (5)



N/R





**Humphrey, Shonda (CONTR)**

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**From:** Ramsay, Liz  
**Sent:** Friday, January 09, 2015 10:21 AM  
**To:** Bowhan, Brett R (NE-ID)  
**Cc:** Grose, Amy (ID)  
**Subject:** RE: Signature of Title Transfer Agreement

(b) (5)

Many thanks to you and Amy!

---

Liz

Liz Ramsay  
Chief of Staff/Office of Nuclear Energy  
(b) (6) (Direct Line)  
[Liz.Ramsay@nuclear.energy.gov](mailto:Liz.Ramsay@nuclear.energy.gov)

---

**From:** Bowhan, Brett R (NE-ID)  
**Sent:** Friday, January 09, 2015 10:08 AM  
**To:** Ramsay, Liz  
**Subject:** Signature of Title Transfer Agreement

(b) (5)

Thanks  
Brett and Amy

Humphrey, Shonda (CONTR)

---

From: Furstenu, Ray (NE-ID)  
Sent: Monday, January 12, 2015 3:47 PM  
To: Herczeg, John  
Subject: RE: Governor's Letter to Sec. of Energy re R&D Fuel

(b) (5)

Ray

-----Original Message-----

From: Herczeg, John [<mailto:JOHN.HERCZEG@nuclear.energy.gov>]  
Sent: Monday, January 12, 2015 1:40 PM  
To: Furstenu, Raymond V  
Subject: RE: Governor's Letter to Sec. of Energy re R&D Fuel

Thanks, Ray. Just got it for Keith L.

(b) (5)

John

-----Original Message-----

From: Furstenu, Ray (NE-ID)  
Sent: Monday, January 12, 2015 2:27 PM  
To: Griffith, Andrew; Herczeg, John  
Subject: FW: Governor's Letter to Sec. of Energy re R&D Fuel

FYI. In case you don't already have a copy.

Ray

**Humphrey, Shonda (CONTR)**

---

**From:** Wagner, Mary Louise  
**Sent:** Wednesday, January 14, 2015 11:17 AM  
**To:** Shimek, Jaime; Jones, Collin; Kolachalam, Namrata; Ramsay, Liz; Richards, Andrew; Payne, Kedric  
**Cc:** Urle, Matthew; Provencher, Richard B (NE-ID); Furstenau, Ray (NE-ID)  
**Subject:** Re: Idaho letter

**(b) (5)**  



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**From:** Shimek, Jaime  
**Sent:** Wednesday, January 14, 2015 11:14 AM  
**To:** Wagner, Mary Louise; Jones, Collin; Kolachalam, Namrata; Ramsay, Liz; Richards, Andrew; Payne, Kedric  
**Cc:** Urle, Matthew; Provencher, Richard B (NE-ID); Furstenau, Ray (NE-ID)  
**Subject:** Re: Idaho letter

**(b) (5)**  



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**From:** Wagner, Mary Louise  
**Sent:** Wednesday, January 14, 2015 11:10 AM  
**To:** Jones, Collin; Shimek, Jaime; Kolachalam, Namrata; Ramsay, Liz; Richards, Andrew; Payne, Kedric  
**Cc:** Urle, Matthew; Provencher, Richard B (NE-ID); Furstenau, Ray (NE-ID)  
**Subject:** RE: Idaho letter

**(b) (5)**  



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**From:** Jones, Collin  
**Sent:** Wednesday, January 14, 2015 11:09 AM  
**To:** Shimek, Jaime; Kolachalam, Namrata; Ramsay, Liz; Wagner, Mary Louise; Richards, Andrew; Payne, Kedric  
**Cc:** Urle, Matthew; Provencher, Richard B (NE-ID); Furstenau, Ray (NE-ID)  
**Subject:** RE: Idaho letter

**(b) (5)**  


Colin

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**From:** Shimek, Jaime  
**Sent:** Wednesday, January 14, 2015 11:08 AM  
**To:** Kolachalam, Namrata; Ramsay, Liz; Wagner, Mary Louise; Richards, Andrew; Payne, Kedric  
**Cc:** Urle, Matthew; Provencher, Richard B (NE-ID); Furstenau, Ray (NE-ID); Jones, Collin  
**Subject:** Re: Idaho letter

+ Kedric as Urle is out.

**(b) (5)**  


(b) (5)

**From:** Kolachalam, Namrata  
**Sent:** Wednesday, January 14, 2015 11:03 AM  
**To:** Ramsay, Liz; Shimek, Jalme; Wagner, Mary Louise; Richards, Andrew  
**Cc:** Urie, Matthew; Provencher, Richard B (NE-ID); Furstenau, Ray (NE-ID); Jones, Colln  
**Subject:** RE: Idaho letter

Got this inquiry just now.

---

**From:** Jeremy Dillon [mailto:dillon@exchangemonitor.com]  
**Sent:** Wednesday, January 14, 2015 10:55 AM  
**To:** Kolachalam, Namrata  
**Subject:** Idaho letter

Namrata,

I saw a report from Idaho that said Moniz sent a letter to the Governor's office, dated December 31, that laid out a plan to bring two shipments of research quantity fuel to INL. Is that letter referring to the high-burnup fuel study that EPRI plans to conduct at INL? Any chance I could see a copy of that letter?

The governor's response letter said Idaho would be open to granting a one-time, conditional waiver to allow receipt of the proposed shipments at INL if DOE and Idaho were able to agree upon an enforceable commitment and time frame for timely resolving the 1995 Settlement Agreement noncompliance issues. Is there any response to this condition the state would like placed on the shipments?

Thanks,

Jeremy L. Dillon  
Reporter, RadWaste Monitor  
4301 Connecticut Ave. Washington D.C.  
202-296-2814 ext. 110 (office)

(b) (6) (cell)



**Humphrey, Shonda (CONTR)**

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**From:** Ramsay, Liz  
**Sent:** Wednesday, January 14, 2015 11:18 AM  
**To:** Payne, Kedric; Wagner, Mary Louise; Jones, Collin; Shimek, Jaime; Kolachalam, Namrata; Richards, Andrew  
**Cc:** Urie, Matthew; Provencher, Richard B (NE-ID); Furstenuau, Ray (NE-ID); Cardille, Stacia  
**Subject:** RE: Idaho letter

(b) (5)



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**From:** Payne, Kedric  
**Sent:** Wednesday, January 14, 2015 11:14 AM  
**To:** Wagner, Mary Louise; Jones, Collin; Shimek, Jaime; Kolachalam, Namrata; Ramsay, Liz; Richards, Andrew  
**Cc:** Urie, Matthew; Provencher, Richard B (NE-ID); Furstenuau, Ray (NE-ID); Cardille, Stacia  
**Subject:** RE: Idaho letter

+ Stacia

---

**From:** Wagner, Mary Louise  
**Sent:** Wednesday, January 14, 2015 11:11 AM  
**To:** Jones, Collin; Shimek, Jaime; Kolachalam, Namrata; Ramsay, Liz; Richards, Andrew; Payne, Kedric  
**Cc:** Urie, Matthew; Provencher, Richard B (NE-ID); Furstenuau, Ray (NE-ID)  
**Subject:** RE: Idaho letter

(b) (5)



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**From:** Jones, Colin  
**Sent:** Wednesday, January 14, 2015 11:09 AM  
**To:** Shimek, Jaime; Kolachalam, Namrata; Ramsay, Liz; Wagner, Mary Louise; Richards, Andrew; Payne, Kedric  
**Cc:** Urie, Matthew; Provencher, Richard B (NE-ID); Furstenau, Ray (NE-ID)  
**Subject:** RE: Idaho letter

(b) (5)



Collin

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**From:** Shimek, Jaime  
**Sent:** Wednesday, January 14, 2015 11:08 AM  
**To:** Kolachalam, Namrata; Ramsay, Liz; Wagner, Mary Louise; Richards, Andrew; Payne, Kedric  
**Cc:** Urie, Matthew; Provencher, Richard B (NE-ID); Furstenau, Ray (NE-ID); Jones, Collin  
**Subject:** Re: Idaho letter

+ Kedric as Urie is out.

(b) (5)



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**From:** Kolachalam, Namrata  
**Sent:** Wednesday, January 14, 2015 11:03 AM  
**To:** Ramsay, Liz; Shimek, Jaime; Wagner, Mary Louise; Richards, Andrew  
**Cc:** Urie, Matthew; Provencher, Richard B (NE-ID); Furstenau, Ray (NE-ID); Jones, Collin  
**Subject:** RE: Idaho letter

Got this inquiry just now.

---

**From:** Jeremy Dillon [<mailto:dillon@exchangemonitor.com>]  
**Sent:** Wednesday, January 14, 2015 10:55 AM  
**To:** Kolachalam, Namrata  
**Subject:** Idaho letter

Namrata,

I saw a report from Idaho that said Moniz sent a letter to the Governor's office, dated December 31, that laid out a plan to bring two shipments of research quantity fuel to INL. Is that letter referring to the high-burnup fuel study that EPRI plans to conduct at INL? Any chance I could see a copy of that letter?

The governor's response letter said Idaho would be open to granting a one-time, conditional waiver to allow receipt of the proposed shipments at INL if DOE and Idaho were able to agree upon an enforceable commitment and time frame for timely resolving the 1995 Settlement Agreement noncompliance issues. Is there any response to this condition the state would like placed on the shipments?

Thanks,

Jeremy L. Dillon  
Reporter, RadWaste Monitor  
4301 Connecticut Ave. Washington D.C.  
202-296-2814 ext. 110 (office)  
(b) (6) cell)

**Humphrey, Shonda (CONTR)**

---

**From:** Bates, Melissa C <batesmc@id.doe.gov>  
**Sent:** Wednesday, January 14, 2015 11:22 AM  
**To:** Larson, Ned (NE-NEV); Boyle, William; kbsoren@sandia.gov; sjsaltz@sandia.gov; Hanson, Brady D; Marschman, Steve  
**Subject:** Today's Post Register story

All,

The following is an article that ran in the Post Register in Idaho Falls today. It appeared on page C1.

Thanks,  
 Melissa

Story: <http://www.postregister.com/articles/news-todays-headlines/2015/01/13/state-doe-look-bring-spent-nuclear-fuel-inl>

**State, DOE look to bring spent nuclear fuel to INL**

Posted: January 13, 2015 8:00 p.m.

By LUKE RAMSETH

An effort is underway to again allow spent nuclear fuel to be shipped to Idaho National Laboratory for research projects, after more than two years without any such shipments.

A Thursday letter from Idaho Gov. C.L. "Butch" Otter to U.S. Secretary of Energy Ernest Moniz indicated the state would support the Department of Energy's proposal to bring in the spent fuel.

Such shipments have been banned by the state since Jan. 1 2013, as a consequence for DOE missing a nuclear waste cleanup deadline in the 1995 Settlement Agreement.

The Settlement Agreement laid out strict milestones for when certain types of radioactive waste had to leave Idaho or be treated. When DOE missed a Dec. 31 2012, deadline to treat three tanks of liquid radioactive waste, it no longer was allowed to bring in spent nuclear fuel for research or interim storage purposes.

Prior to the ban, however, spent nuclear fuel had traveled to INL from other DOE research sites, foreign research reactors — as well as, since 2011, limited amounts from commercial nuclear reactors. Spent fuel shipments continued to be accepted to the Naval Reactors Facility, however.

According to Otter's letter to Moniz, Idaho will "grant a one-time, conditional waiver to allow receipt of the proposed (spent nuclear fuel) shipments at INL if DOE and Idaho are able to agree upon an enforceable commitment and time frame for timely resolving the 1995 Settlement Agreement noncompliance issues."

The missed 2012 deadline remains out of compliance because of ongoing problems with a treatment facility — the Integrated Waste Treatment Unit, at DOE's desert site. Another Settlement Agreement milestone, which requires an average of 2,000 cubic meters of transuranic waste to leave Idaho per year, also recently was violated because of the temporary closure of a New Mexico waste repository.

Otter's letter came in reply to a lengthy Dec. 31 letter from Moniz, also obtained by the Post Register.

In his letter, Moniz laid out a plan to bring two shipments of "research quantity fuel" to INL from an unnamed commercial nuclear power plant.

The first shipment, scheduled for June, would include one cask of 25 spent fuel rods. The rods would be used for research on fuel recycling, as well as studies on fuel performance, Moniz said in the letter.

A second shipment, proposed for January 2016, also would include 25 spent fuel rods. It would be used for a research project with the Electric Power Research Institute, examining how to safely store spent nuclear fuel around the country. Moniz stressed the economic importance of the shipments for eastern Idaho, saying that "funding associated with these research projects is expected to be about \$10-20 (million) annually to the INL through approximately the end of this decade."

DOE needed the governor's go-ahead quickly, Moniz wrote, because of planning and logistics associated with safely bringing the shipments to INL, and a tight schedule at the commercial plant where the fuel would come from.

"DOE stands ready to work closely with the appropriate State officials to provide additional details of these proposed shipments and address any questions," Moniz said. "If this commercially-imposed deadline is missed, we will suffer a two-year delay in this project."

Much of Moniz's letter also focused on DOE's cleanup delays associated with the Integrated Waste Treatment Unit. He sought to assure Otter that unit operations were a "top priority" for DOE and mentioned that testing of the facility had gone smoothly in recent weeks.

The agreement to bring spent fuel to INL comes just as Idaho's Department of Environmental Quality said it would fine DOE \$3,600 per day — and \$6,000 per day later this year — until the three tanks of radioactive, sodium-bearing liquid waste were emptied. The waste in the tanks is slated for treatment in the Integrated Waste Treatment Unit.

The notice of violation and fines were issued to DOE on Jan. 6. Otter sent his reply to Moniz two days later, though he did not specifically mention the fines.

"We look forward to resolving the current noncompliance issues at INL," Otter wrote.

**Humphrey, Shonda (CONTR)**

---

**From:** Wagner, Mary Louise  
**Sent:** Wednesday, January 14, 2015 8:05 AM  
**To:** Connell, Elizabeth  
**Subject:** RE: Another Clip - Idaho Research Qlys Issue

thanks

---

**From:** Connell, Elizabeth  
**Sent:** Wednesday, January 14, 2015 7:55 AM  
**To:** Wagner, Mary Louise  
**Subject:** Another Clip - Idaho Research Qlys Issue

**By** *LUKE RAMSETH*  
*[lramseth@postregister.com](mailto:lramseth@postregister.com)*

An effort is underway to again allow spent nuclear fuel to be shipped to Idaho National Laboratory for research projects, after more than two years without any such shipments.

A Thursday letter from Idaho Gov. C.L. "Butch" Otter to U.S. Secretary of Energy Ernest Moniz indicated the state would support the Department of Energy's proposal to bring in the spent fuel.

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According to Otter's letter to Moniz, Idaho will "grant a one-time, conditional waiver to allow receipt of the proposed (spent nuclear fuel) shipments at INL if DOE and Idaho are able to agree upon an enforceable commitment and time frame for timely resolving the 1995 Settlement Agreement noncompliance issues."

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The notice of violation and fines were issued to DOE on Jan. 6. Otter sent his reply to Moniz two days later, though he did not specifically mention the fines.

"We look forward to resolving the current noncompliance issues at INL," Otter wrote.

**Humphrey, Shonda (CONTR)**

---

**From:** Bates, Melissa C <batesmc@id.doe.gov>  
**Sent:** Wednesday, January 14, 2015 11:29 AM  
**To:** Griffith, Andrew; Herczeg, John  
**Subject:** Today's Post Register story

FYI. The following is an article that ran in the Post Register in Idaho Falls today. It appeared on page C1.

Thanks,  
 Melissa

Story: <http://www.postregister.com/articles/news-todays-headlines/2015/01/13/state-doe-look-bring-spent-nuclear-fuel-inl>

**State, DOE look to bring spent nuclear fuel to INL**

Posted: January 13, 2015 8:00 p.m.

By LUKE RAMSETH

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Humphrey, Shonda (CONTR)

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From: Ramsay, Liz  
Sent: Wednesday, January 14, 2015 3:34 PM  
To: Trummell, Candice  
Subject: FW: Idaho letter

FYI

Liz Ramsay  
Chief of Staff  
Office of Nuclear Energy

-----Original Message-----

From: Provencher, Richard B (NE-ID)  
Sent: Wednesday, January 14, 2015 03:32 PM Eastern Standard Time  
To: Ramsay, Liz; Jackson, Timothy B (NE-ID)  
Cc: Furstenau, Ray (NE-ID)  
Subject: RE: Idaho letter

Liz (b) (5)  
(b) (5)  
(b) (5) ick

From: Ramsay, Liz [mailto:Liz.Ramsay@Nuclear.Energy.Gov]  
Sent: Wednesday, January 14, 2015 12:46 PM  
To: Jackson, Timothy B  
Cc: Provencher, Richard B; Furstenau, Raymond V  
Subject: RE: Idaho letter

Tim (b) (5) Rick (b) (5)  
(b) (5)

Liz

From: Jackson, Timothy B (NE-ID)  
Sent: Wednesday, January 14, 2015 2:43 PM  
To: Ramsay, Liz  
Cc: Provencher, Richard B (NE-ID); Furstenau, Ray (NE-ID)  
Subject: RE: Idaho letter

Liz  
(b) (5)

(b) (5)

**From:** Jones, Colin [<mailto:Colin.Jones@em.doe.gov>]  
**Sent:** Wednesday, January 14, 2015 9:34 AM  
**To:** Shimek, Jalme; Kolachalam, Namrata; Jackson, Timothy B  
**Cc:** Ramsay, Liz; Wagner, Mary Louise; Richards, Andrew; Urle, Matthew; Provencher, Richard B; Furstenau, Raymond V; Miller, Danielle C; Brennan, Shannon A; Payne, Kedric; Cardille, Stacia  
**Subject:** Re: Idaho letter

The Post Register story basically covers the letters highlights, (b) (5)

**From:** Shimek, Jalme  
**Sent:** Wednesday, January 14, 2015 11:30 AM  
**To:** Kolachalam, Namrata; Jackson, Timothy B (NE-ID)  
**Cc:** Ramsay, Liz; Wagner, Mary Louise; Richards, Andrew; Urle, Matthew; Provencher, Richard B (NE-ID); Furstenau, Ray (NE-ID); Jones, Colin; Miller, Danielle; Brennan, Shannon A (NE-ID); Payne, Kedric; Cardille, Stacia  
**Subject:** Re: Idaho letter

+ Kedric and Stacia

(b) (5)

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**From:** Kolachalam, Namrata  
**Sent:** Wednesday, January 14, 2015 11:25 AM  
**To:** Jackson, Timothy B (NE-ID)  
**Cc:** Ramsay, Liz; Shimek, Jalme; Wagner, Mary Louise; Richards, Andrew; Urle, Matthew; Provencher, Richard B (NE-ID); Furstenau, Ray (NE-ID); Jones, Colin; Miller, Danielle; Brennan, Shannon A (NE-ID)  
**Subject:** Re: Idaho letter

(b) (5)

**From:** Jackson, Timothy B (NE-ID)  
**Sent:** Wednesday, January 14, 2015 11:18 AM  
**To:** Kolachalam, Namrata  
**Cc:** Ramsay, Liz; Shimek, Jalme; Wagner, Mary Louise; Richards, Andrew; Urle, Matthew; Provencher, Richard B (NE-ID); Furstenau, Ray (NE-ID); Jones, Colin; Miller, Danielle; Brennan, Shannon A (NE-ID)  
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**From:** Provencher, Richard B  
**Sent:** Wednesday, January 14, 2015 9:08 AM  
**To:** Jackson, Timothy B  
**Subject:** FW: Idaho letter

FYI

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**From:** Kolachalam, Namrata [<mailto:Namrata.Kolachalam@Hq.Doe.Gov>]  
**Sent:** Wednesday, January 14, 2015 9:03 AM  
**To:** Ramsay, Liz; Shimek, Jaime; Wagner, Mary Louise; Richards, Andrew  
**Cc:** Urle, Matthew; Provencher, Richard B; Furstenau, Raymond V; Jones, Collin  
**Subject:** RE: Idaho letter

Got this inquiry just now.

---

**From:** Jeremy Dillon [<mailto:dillon@exchangemonitor.com>]  
**Sent:** Wednesday, January 14, 2015 10:55 AM  
**To:** Kolachalam, Namrata  
**Subject:** Idaho letter

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Thanks,

Jeremy L. Dillon  
Reporter, RadWaste Monitor  
4301 Connecticut Ave. Washington D.C.  
202-296-2814 ext. 110 (office)  
(b) (6) (cell)

**Humphrey, Shonda (CONTR)**

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**From:** Trummell, Candice  
**Sent:** Wednesday, January 14, 2015 4:55 PM  
**To:** Ramsay, Liz  
**Subject:** RE: Idaho letter

Thanks! (b) (5)

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**From:** Ramsay, Liz  
**Sent:** Wednesday, January 14, 2015 4:54 PM  
**To:** Trummell, Candice; Kolachalam, Namrata; Shimek, Jaime; Jones, Collin; Richards, Andrew  
**Subject:** RE: Idaho letter

(b) (5)

Liz Ramsay  
Chief of Staff  
Office of Nuclear Energy

-----Original Message-----

**From:** Trummell, Candice  
**Sent:** Wednesday, January 14, 2015 04:53 PM Eastern Standard Time  
**To:** Kolachalam, Namrata; Shimek, Jaime; Ramsay, Liz; Jones, Collin; Richards, Andrew  
**Subject:** RE: Idaho letter

(b) (5)

---

**From:** Jackson, Timothy B (NE-ID)  
**Sent:** Wednesday, January 14, 2015 4:51 PM  
**To:** Kolachalam, Namrata; Shimek, Jaime; Ramsay, Liz; Jones, Collin; Trummell, Candice; Richards, Andrew; Wagner, Mary Louise; Cardille, Stacia; Payne, Kedric; Provencher, Richard B (NE-ID); Furstenu, Ray (NE-ID); Brennan, Shannon A (NE-ID)  
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Namrata,

(b) (5)

(b) (5) Tim

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**From:** Kolachalam, Namrata [<mailto:Namrata.Kolachalam@Hq.Doe.Gov>]  
**Sent:** Wednesday, January 14, 2015 2:18 PM  
**To:** Shimek, Jaime; Ramsay, Liz; Jones, Collin; Trummell, Candice; Richards, Andrew; Wagner, Mary Louise; Jackson, Timothy B; Cardille, Stacia; Payne, Kedric  
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**From:** Shimek, Jalme  
**Sent:** Wednesday, January 14, 2015 3:49 PM  
**To:** Kolachalam, Namrata; Ramsay, Liz; Jones, Colln; Trummell, Candice; Richards, Andrew; Wagner, Mary Louise; Jackson, Timothy B (NE-ID); Cardille, Stacia; Payne, Kedric  
**Subject:** RE: Idaho letter

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**From:** Kolachalam, Namrata  
**Sent:** Wednesday, January 14, 2015 3:40 PM  
**To:** Ramsay, Liz; Shimek, Jalme; Jones, Colln; Trummell, Candice; Richards, Andrew; Wagner, Mary Louise; Jackson, Timothy B (NE-ID); Cardille, Stacia; Payne, Kedric  
**Subject:** RE: Idaho letter

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**From:** Ramsay, Liz  
**Sent:** Wednesday, January 14, 2015 3:22 PM  
**To:** Shimek, Jalme; Jones, Colln; Trummell, Candice; Kolachalam, Namrata; Richards, Andrew; Wagner, Mary Louise; Jackson, Timothy B (NE-ID)  
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**From:** Jackson, Timothy B (NE-ID)  
**Sent:** Wednesday, January 14, 2015 02:43 PM Eastern Standard Time  
**To:** Ramsay, Liz  
**Cc:** Provencher, Richard B (NE-ID); Furstenuau, Ray (NE-ID)  
**Subject:** RE: idaho letter

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(b) (5)



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4301 Connecticut Ave. Washington D.C.  
202-296-2814 ext. 110 (office)  
(b) (6) cell

**Humphrey, Shonda (CONTR)**

---

**From:** Jackson, Timothy B (NE-ID)  
**Sent:** Wednesday, January 14, 2015 4:58 PM  
**To:** Ramsay, Liz  
**Subject:** RE: Idaho letter

(b) (5) Thx

Sent with Good (www.good.com)

-----Original Message-----

**From:** Ramsay, Liz [[Liz.Ramsay@Nuclear.Energy.Gov](mailto:Liz.Ramsay@Nuclear.Energy.Gov)]  
**Sent:** Wednesday, January 14, 2015 02:53 PM Mountain Standard Time  
**To:** Jackson, Timothy B; Kolachalam, Namrata; Shimek, Jaime; Jones, Colin; Trummell, Candice; Richards, Andrew; Wagner, Mary Louise; Cardillo, Stacia; Payne, Kedric; Provencher, Richard B; Furstenu, Raymond V; Brennan, Shannon A  
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**To:** Ramsay, Liz; Shimek, Jalme; Jones, Colln; Trummell, Candice; Richards, Andrew; Wagner, Mary Louise; Jackson, Timothy B (NE-ID); Cardille, Stacia; Payne, Kedric

**Subject:** RE: Idaho letter

(b) (5)

**From:** Ramsay, Liz

**Sent:** Wednesday, January 14, 2015 3:22 PM

**To:** Shimek, Jalme; Jones, Colln; Trummell, Candice; Kolachalam, Namrata; Richards, Andrew; Wagner, Mary Louise; Jackson, Timothy B (NE-ID)

**Subject:** FW: Idaho letter

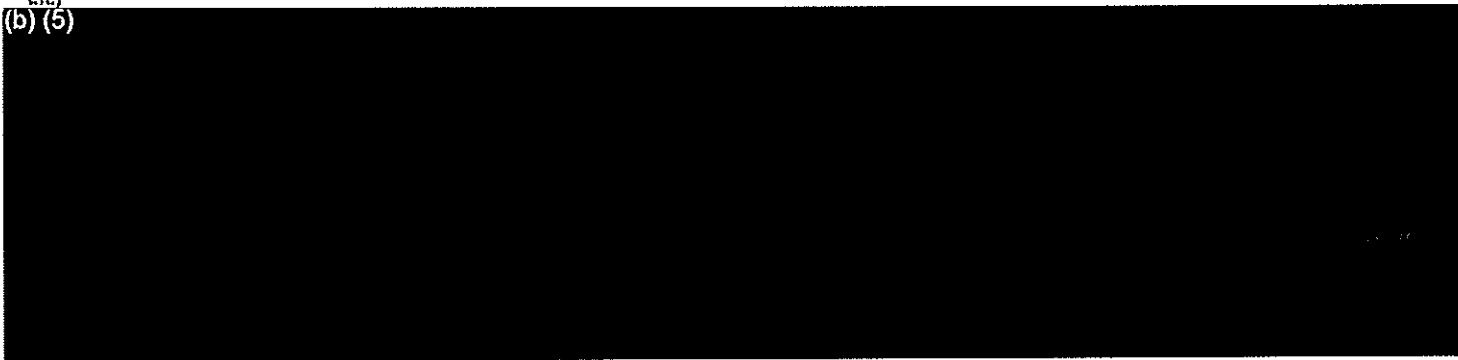
(b) (5)

Liz Ramsay  
Chief of Staff  
Office of Nuclear Energy

-----Original Message-----

**From:** Jackson, Timothy B (NE-ID)  
**Sent:** Wednesday, January 14, 2015 02:43 PM Eastern Standard Time  
**To:** Ramsay, Liz  
**Cc:** Provencher, Richard B (NE-ID); Furstenu, Ray (NE-ID)  
**Subject:** RE: idaho letter

Liz,  
(b) (5)



**From:** Jones, Collin [<mailto:Collin.Jones@em.doe.gov>]  
**Sent:** Wednesday, January 14, 2015 9:34 AM  
**To:** Shimek, Jaime; Kolachalam, Namrata; Jackson, Timothy B  
**Cc:** Ramsay, Liz; Wagner, Mary Louise; Richards, Andrew; Urie, Matthew; Provencher, Richard B; Furstenu, Raymond V; Miller, Danielle C; Brennan, Shannon A; Payne, Kedric; Cardille, Stacia  
**Subject:** Re: Idaho letter

The Post Register story basically covers the letters highlights, (b) (5)

**From:** Shimek, Jaime  
**Sent:** Wednesday, January 14, 2015 11:30 AM  
**To:** Kolachalam, Namrata; Jackson, Timothy B (NE-ID)  
**Cc:** Ramsay, Liz; Wagner, Mary Louise; Richards, Andrew; Urie, Matthew; Provencher, Richard B (NE-ID); Furstenu, Ray (NE-ID); Jones, Collin; Miller, Danielle; Brennan, Shannon A (NE-ID); Payne, Kedric; Cardille, Stacia  
**Subject:** Re: Idaho letter

+ Kedric and Stacia

(b) (5) Urie is out so please include Kedric and Stacia.

**From:** Kolachalam, Namrata  
**Sent:** Wednesday, January 14, 2015 11:25 AM  
**To:** Jackson, Timothy B (NE-ID)  
**Cc:** Ramsay, Liz; Shimek, Jaime; Wagner, Mary Louise; Richards, Andrew; Urie, Matthew; Provencher, Richard B (NE-ID); Furstenu, Ray (NE-ID); Jones, Collin; Miller, Danielle; Brennan, Shannon A (NE-ID)  
**Subject:** Re: Idaho letter

(b) (5)

**From:** Jackson, Timothy B (NE-ID)  
**Sent:** Wednesday, January 14, 2015 11:18 AM  
**To:** Kolachalam, Namrata  
**Cc:** Ramsay, Liz; Shlmek, Jalme; Wagner, Mary Louise; Richards, Andrew; Urle, Matthew; Provencher, Richard B (NE-ID); Furstenu, Ray (NE-ID); Jones, Colln; Miller, Danielle; Brennan, Shannon A (NE-ID)  
**Subject:** RE: idaho letter

Namrata,

I received an identical inquiry from RadWaste Monitor reporter Jeremy Dillon a minute after you did. Here is the Idaho Falls Post Register story that appeared on C1 of this morning's paper edition. Mr. Dillon probably read an AP rewrite of it. How can we assist you? Tim

**State, DOE look to bring spent nuclear fuel to INL**

Posted: January 13, 2015 8:00 p.m.

By LUKE RAMSETH

An effort is underway to again allow spent nuclear fuel to be shipped to Idaho National Laboratory for research projects, after more than two years without any such shipments.

A Thursday letter from Idaho Gov. C.L. "Butch" Otter to U.S. Secretary of Energy Ernest Moniz indicated the state would support the Department of Energy's proposal to bring in the spent fuel.

Such shipments have been banned by the state since Jan. 1 2013, as a consequence for DOE missing a nuclear waste cleanup deadline in the 1995 Settlement Agreement.

The Settlement Agreement laid out strict milestones for when certain types of radioactive waste had to leave Idaho or be treated. When DOE missed a Dec. 31 2012, deadline to treat three tanks of liquid radioactive waste, it no longer was allowed to bring in spent nuclear fuel for research or interim storage purposes.

Prior to the ban, however, spent nuclear fuel had traveled to INL from other DOE research sites, foreign research reactors — as well as, since 2011, limited amounts from commercial nuclear reactors. Spent fuel shipments continued to be accepted to the Naval Reactors Facility, however.

According to Otter's letter to Moniz, Idaho will "grant a one-time, conditional waiver to allow receipt of the proposed (spent nuclear fuel) shipments at INL if DOE and Idaho are able to agree upon an enforceable commitment and time frame for timely resolving the 1995 Settlement Agreement noncompliance issues."

The missed 2012 deadline remains out of compliance because of ongoing problems with a treatment facility — the Integrated Waste Treatment Unit, at DOE's desert site. Another Settlement Agreement milestone, which requires an average of 2,000 cubic meters of transuranic waste to leave Idaho per year, also recently was violated because of the temporary closure of a New Mexico waste repository.

Otter's letter came in reply to a lengthy Dec. 31 letter from Moniz, also obtained by the Post Register.

In his letter, Moniz laid out a plan to bring two shipments of "research quantity fuel" to INL from an unnamed commercial nuclear power plant.

The first shipment, scheduled for June, would include one cask of 25 spent fuel rods. The rods would be used for research on fuel recycling, as well as studies on fuel performance, Moniz said in the letter.

A second shipment, proposed for January 2016, also would include 25 spent fuel rods. It would be used for a research project with the Electric Power Research Institute, examining how to safely store spent nuclear fuel around the country.

Moniz stressed the economic importance of the shipments for eastern Idaho, saying that "funding associated with these research projects is expected to be about \$10-20 (million) annually to the INL through approximately the end of this decade."

DOE needed the governor's go-ahead quickly, Moniz wrote, because of planning and logistics associated with safely bringing the shipments to INL, and a tight schedule at the commercial plant where the fuel would come from.

"DOE stands ready to work closely with the appropriate State officials to provide additional details of these proposed shipments and address any questions," Moniz said. "If this commercially-imposed deadline is missed, we will suffer a two-year delay in this project."

Much of Moniz's letter also focused on DOE's cleanup delays associated with the Integrated Waste Treatment Unit. He sought to assure Otter that unit operations were a "top priority" for DOE and mentioned that testing of the facility had gone smoothly in recent weeks.

The agreement to bring spent fuel to INL comes just as Idaho's Department of Environmental Quality said it would fine DOE \$3,600 per day — and \$6,000 per day later this year — until the three tanks of radioactive, sodium-bearing liquid waste were emptied. The waste in the tanks is slated for treatment in the Integrated Waste Treatment Unit.

The notice of violation and fines were issued to DOE on Jan. 6. Otter sent his reply to Moniz two days later, though he did not specifically mention the fines.

"We look forward to resolving the current noncompliance issues at INL," Otter wrote.

---

**From:** Provencher, Richard B  
**Sent:** Wednesday, January 14, 2015 9:08 AM  
**To:** Jackson, Timothy B  
**Subject:** FW: Idaho letter

FYI

---

**From:** Kolachalam, Namrata [<mailto:Namrata.Kolachalam@Hq.Doe.Gov>]  
**Sent:** Wednesday, January 14, 2015 9:03 AM  
**To:** Ramsay, Liz; Shimek, Jaime; Wagner, Mary Louise; Richards, Andrew  
**Cc:** Urie, Matthew; Provencher, Richard B; Furstenau, Raymond V; Jones, Colin  
**Subject:** RE: Idaho letter

Got this inquiry just now.

---

**From:** Jeremy Dillon [<mailto:dillon@exchangemonitor.com>]  
**Sent:** Wednesday, January 14, 2015 10:55 AM  
**To:** Kolachalam, Namrata  
**Subject:** Idaho letter

Namrata,

I saw a report from Idaho that said Moniz sent a letter to the Governor's office, dated December 31, that laid out a plan to bring two shipments of research quantity fuel to INL. Is that letter referring to the high-burnup fuel study that EPRI plans to conduct at INL? Any chance I could see a copy of that letter?

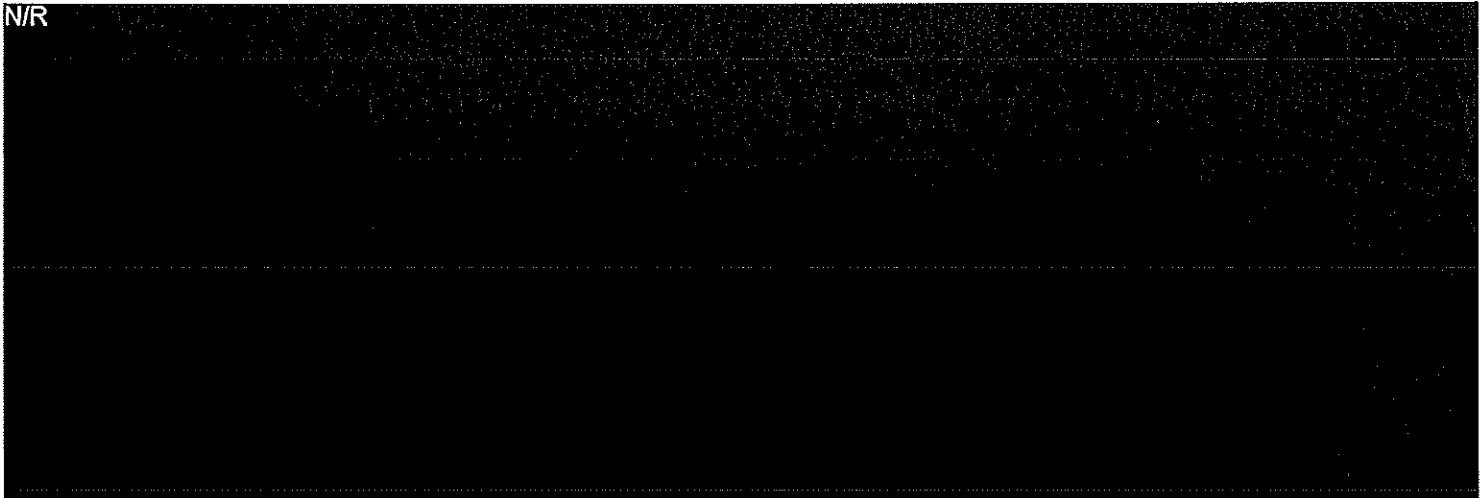


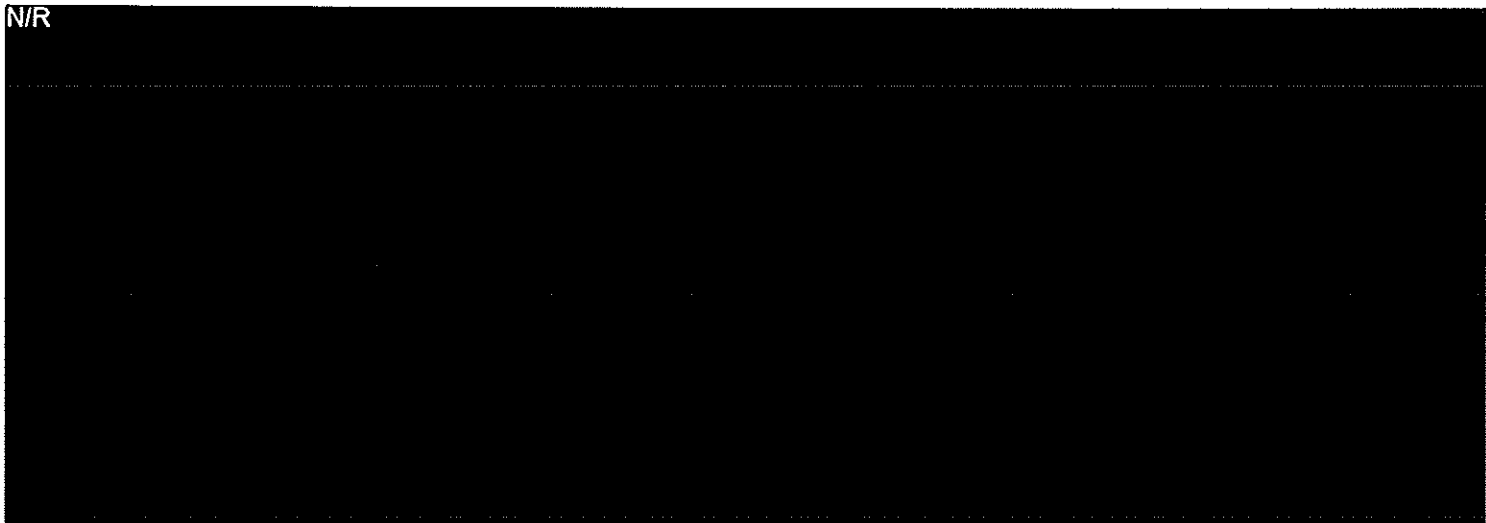
The governor's response letter said Idaho would be open to granting a one-time, conditional waiver to allow receipt of the proposed shipments at INL if DOE and Idaho were able to agree upon an enforceable commitment and time frame for timely resolving the 1995 Settlement Agreement noncompliance issues. Is there any response to this condition the state would like placed on the shipments?

Thanks,

Jeremy L. Dillon  
Reporter, RadWaste Monitor  
4301 Connecticut Ave. Washington D.C.  
202-296-2814 ext. 110 (office)  
(b) (6) cell)







N/R



**Idaho Places Stipulation on Research SNF Shipments**

(b) (4)



N/R



N/R

*From the desk of:*

Martin Schneider  
Chief Executive Officer  
ExchangeMonitor Publications and Forums  
202-296-2814 ext. 105

**Humphrey, Shonda (CONTR)**

---

**From:** Ramsay, Liz  
**Sent:** Thursday, January 15, 2015 2:05 PM  
**To:** Shimek, Jaime  
**Subject:** RE: Idaho update for delegation

I will be back in 20 mins. Will call you in 10 to expedite.

Liz Ramsay  
Chief of Staff  
Office of Nuclear Energy

-----Original Message-----

**From:** Shimek, Jaime  
**Sent:** Thursday, January 15, 2015 12:49 PM Eastern Standard Time  
**To:** Ramsay, Liz  
**Subject:** Re: Idaho update for delegation

(b) (5)



**From:** Ramsay, Liz  
**Sent:** Thursday, January 15, 2015 12:45 PM  
**To:** Jones, Collin; Shimek, Jaime  
**Cc:** Trummell, Candice  
**Subject:** RE: Idaho update for delegation

(b) (5)



Liz Ramsay  
Chief of Staff  
Office of Nuclear Energy

-----Original Message-----

**From:** Jones, Collin  
**Sent:** Thursday, January 15, 2015 12:42 PM Eastern Standard Time  
**To:** Shimek, Jaime; Ramsay, Liz  
**Cc:** Trummell, Candice  
**Subject:** RE: Idaho update for delegation

Yes.

**From:** Shimek, Jaime  
**Sent:** Thursday, January 15, 2015 12:29 PM  
**To:** Jones, Collin; Ramsay, Liz  
**Cc:** Trummell, Candice  
**Subject:** RE: Idaho update for delegation

(b) (5)

**From:** Jones, Collin  
**Sent:** Thursday, January 15, 2015 12:26 PM  
**To:** Shimek, Jaime; Ramsay, Liz  
**Cc:** Trummell, Candice  
**Subject:** RE: Idaho update for delegation

(b) (5)

**From:** Shimek, Jaime  
**Sent:** Thursday, January 15, 2015 12:00 PM  
**To:** Jones, Collin; Ramsay, Liz  
**Cc:** Trummell, Candice  
**Subject:** Idaho update for delegation  
**Importance:** High

Collin, Liz:

(b) (5)

THANK YOU!

Good afternoon,

(b) (5)

N/R

(b) (5)



(b) (5)



N/K

We would be happy to come up and brief you as a delegation if you are interested.

Thanks,  
Jaime

Jaime Shimek  
Deputy Assistant Secretary for Senate Affairs  
Office of Congressional and Intergovernmental Affairs  
U.S. Department of Energy  
202-586-5450  
[jaime.shimek@hq.doe.gov](mailto:jaime.shimek@hq.doe.gov)

**Humphrey, Shonda (CONTR)**

---

From: Ramsay, Liz  
Sent: Thursday, January 15, 2015 2:05 PM  
To: Shimek, Jaime; Jones, Colin  
Cc: Trummell, Candice  
Subject: RE: Idaho update for delegallon  
Attachments: Secretary Moniz Letter 1082015.pdf

(b) (5)



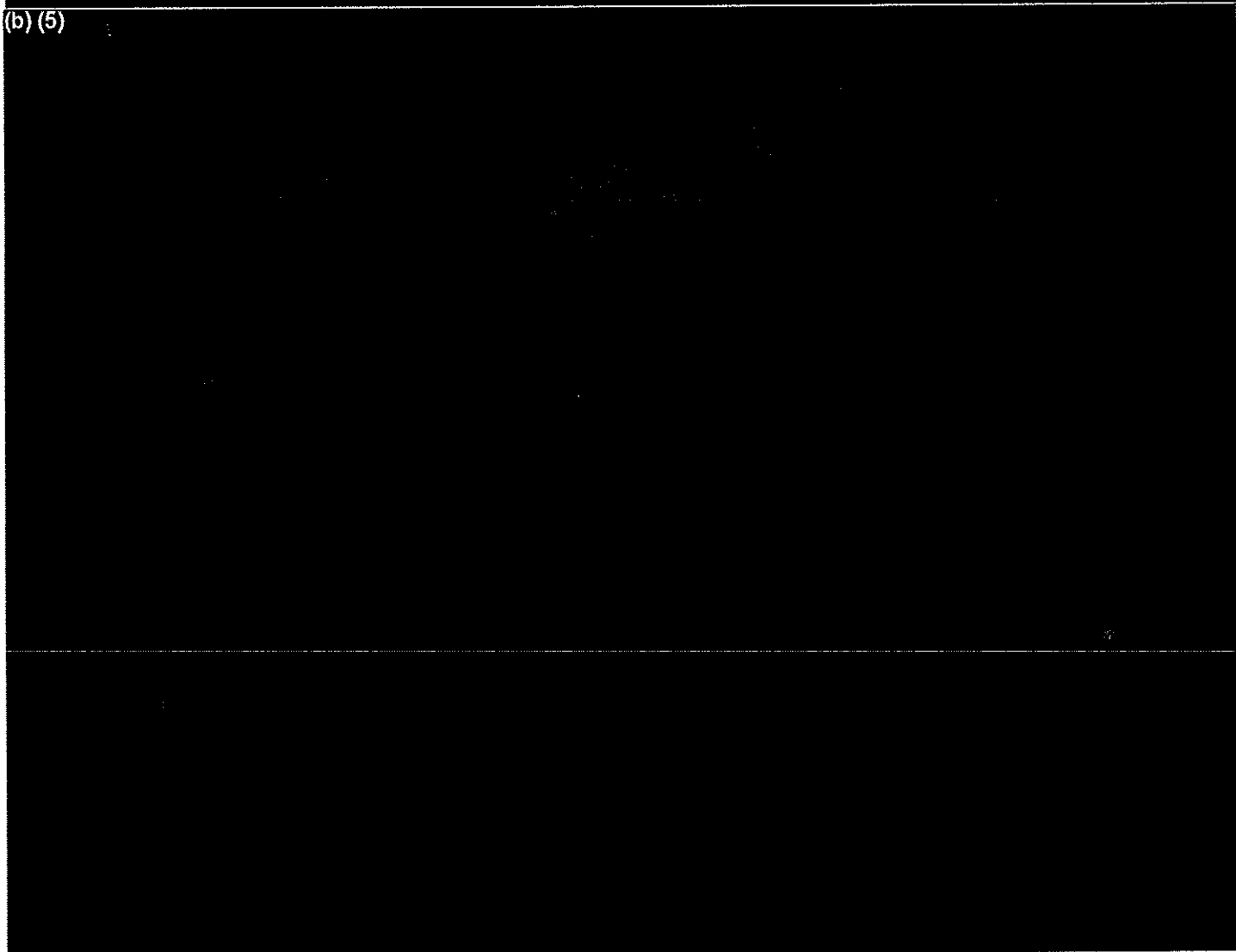
Good afternoon.  
(b) (5)



N/R



(b) (5)



(b) (5)

N/R

We would be happy to come up and brief you as a delegation if you are interested.

Thanks,  
Jaime

---

**From:** Shimek, Jaime  
**Sent:** Thursday, January 15, 2015 1:07 PM  
**To:** Ramsay, Liz; Jones, Colin  
**Cc:** Trummell, Candice  
**Subject:** RE: Idaho update for delegation

Thanks Liz (b) (5)

---

**From:** Ramsay, Liz  
**Sent:** Thursday, January 15, 2015 12:45 PM  
**To:** Jones, Colin; Shimek, Jaime  
**Cc:** Trummell, Candice  
**Subject:** RE: Idaho update for delegation

(b) (5)

Liz Ramsay  
Chief of Staff  
Office of Nuclear Energy

-----Original Message-----

**From:** Jones, Colin  
**Sent:** Thursday, January 15, 2015 12:42 PM Eastern Standard Time  
**To:** Shimek, Jaime; Ramsay, Liz  
**Cc:** Trummell, Candice  
**Subject:** RE: Idaho update for delegation

Yes.

---

**From:** Shimek, Jaime  
**Sent:** Thursday, January 15, 2015 12:29 PM  
**To:** Jones, Colin; Ramsay, Liz  
**Cc:** Trummell, Candice  
**Subject:** RE: Idaho update for delegation

(b) (5)

**From:** Jones, Collin  
**Sent:** Thursday, January 15, 2015 12:26 PM  
**To:** Shimek, Jaime; Ramsay, Liz  
**Cc:** Trummell, Candice  
**Subject:** RE: Idaho update for delegation

(b) (5)



**From:** Shimek, Jaime  
**Sent:** Thursday, January 15, 2015 12:00 PM  
**To:** Jones, Collin; Ramsay, Liz  
**Cc:** Trummell, Candice  
**Subject:** Idaho update for delegation  
**Importance:** High

Colin, Liz:

(b) (5)



THANK YOU!

Good afternoon,

(b) (5)



N/R



(b) (5)



(b) (5)



N/R

We would be happy to come up and brief you as a delegation if you are interested.

Thanks,  
Jaime

Jaime Shimek  
Deputy Assistant Secretary for Senate Affairs  
Office of Congressional and Intergovernmental Affairs  
U.S. Department of Energy  
202-586-5450  
[jaimc.shimek@hq.doe.gov](mailto:jaimc.shimek@hq.doe.gov)

Humphrey, Shonda (CONTR)

---

**From:** Shimek, Jaime  
**Sent:** Thursday, January 15, 2015 2:23 PM  
**To:** Ramsay, Liz; Jones, Colin  
**Cc:** Trummell, Candice  
**Subject:** RE: Idaho update for delegallon

(b) (5) Thank you.

---

**From:** Ramsay, Liz  
**Sent:** Thursday, January 15, 2015 2:05 PM  
**To:** Shimek, Jaime; Jones, Colin  
**Cc:** Trummell, Candice  
**Subject:** RE: Idaho update for delegation

(b) (5)

Good afternoon,

(b) (5)

N/R

(b) (5)

(b) (5)

N/R

We would be happy to come up and brief you as a delegation if you are interested.

Thanks,  
Jaime

---

**From:** Shimek, Jaime  
**Sent:** Thursday, January 15, 2015 1:07 PM  
**To:** Ramsay, Liz; Jones, Colln  
**Cc:** Trummell, Candice  
**Subject:** RE: Idaho update for delegation

Thanks Liz, (b) (5)

---

**From:** Ramsay, Liz  
**Sent:** Thursday, January 15, 2015 12:45 PM  
**To:** Jones, Colln; Shimek, Jaime  
**Cc:** Trummell, Candice  
**Subject:** RE: Idaho update for delegation

(b) (5)

Liz Ramsay  
Chief of Staff  
Office of Nuclear Energy

-----Original Message-----

**From:** Jones, Colln  
**Sent:** Thursday, January 15, 2015 12:42 PM Eastern Standard Time  
**To:** Shimek, Jaime; Ramsay, Liz  
**Cc:** Trummell, Candice  
**Subject:** RE: Idaho update for delegation

Yes.

**From:** Shimek, Jaime  
**Sent:** Thursday, January 15, 2015 12:29 PM  
**To:** Jones, Colin; Ramsay, Liz  
**Cc:** Trummell, Candice  
**Subject:** RE: Idaho update for delegation

(b) (5)

**From:** Jones, Colin  
**Sent:** Thursday, January 15, 2015 12:26 PM  
**To:** Shimek, Jaime; Ramsay, Liz  
**Cc:** Trummell, Candice  
**Subject:** RE: Idaho update for delegation

(b) (5)

**From:** Shimek, Jaime  
**Sent:** Thursday, January 15, 2015 12:00 PM  
**To:** Jones, Colin; Ramsay, Liz  
**Cc:** Trummell, Candice  
**Subject:** Idaho update for delegation  
**Importance:** High

Colin, Liz:

(b) (5)

THANK YOU!

Good afternoon.

(b) (5)

N/R

(b) (5)



(b) (5)



N/R

We would be happy to come up and brief you as a delegation if you are interested.

Thanks,  
Jaime

Jaime Shimek  
Deputy Assistant Secretary for Senate Affairs  
Office of Congressional and Intergovernmental Affairs  
U.S. Department of Energy  
202-586-5450  
[jaime.shimek@hq.doe.gov](mailto:jaime.shimek@hq.doe.gov)

**Humphrey, Shonda (CONTR)**

---

**From:** Dean Groetzinger <dgroetzinger@allegheny.com>  
**Sent:** Friday, January 16, 2015 6:08 PM  
**Subject:** FYI: Otter Agrees to 2 Shipments of Spent Nuclear Fuel . . . .

**Importance:** High

*FYI. Please feel free to share the attached with other colleagues.*

---

**Otter Agrees to 2 Shipments of Spent Nuclear Fuel**

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© NPG of Idaho; by Staff Writer; Updated: Jan 15, 2015

IDAHO FALLS, Idaho - Gov. C.L. "Butch" Otter has tentatively agreed to allow two new shipments of spent nuclear fuel into Idaho.

The U.S. Department of Energy hopes to advance spent nuclear fuel research at the Idaho National Laboratory. Energy Secretary Ernest Moniz asked Otter to approve a plan that would allow two new shipments of radioactive waste, otherwise prohibited by a 1995 Settlement Agreement, into Idaho in support of the Office of Nuclear Energy's research mission.

In a letter to Otter dated Dec. 31, Moniz said, "We need your continued support to allow research quantities of commercial fuel to be shipped to Idaho."

Although DOE is currently not in compliance with the settlement agreement, Otter said Idaho would grant a one-time, conditional waiver to allow receipt of spent nuclear fuel from the North Anna Power plant if DOE will agree upon an enforceable commitment and time frame for resolving the 1995 noncompliance issues.

Moniz said the first shipment would be sent to Idaho in June. It would consist of one cask of 25 spent fuel rods, totaling 40 to 50 kilograms, about 100 pounds, of heavy metal. INL would use it to research the technical, economic, and nonproliferation aspects of electrochemical recycling of commercial light water reactor fuels and for fuel performance studies for the nuclear industry.

The second shipment would be made around January 2016. It would also include one cask of 25 spent fuel rods, also about 100 pounds, for research in support of a High Burn-up Dry Storage Cask R&D project with the Electric Power Research Institute. That research would support on-going work by the nuclear power industry to maintain safe storage of spent nuclear fuel at utility locations around the U.S.

Moniz said the agency would budget \$10 million to \$20 million per year through the end of the decade to pay for the research.

According to Moniz's letter, "we have had great successes at Idaho. Over 200 buildings and structures, including three nuclear reactors, the largest hot cell in North America, and facilities at the fuel reprocessing complex have been decontaminated and decommissioned since the start of the Environmental Management program 25 years ago."

DOE has unearthed all but 1.13 acres of the buried waste and anticipates completing the project at least a year ahead of its completion milestone.

In a personal note to Otter below the formal letter, Moniz wrote, "Happy New Year -- one in which we can advance our mutual interests!"

In a joint reply with Idaho Attorney General Lawrence Wasden on Jan. 8, Otter indicated the state's support and said the one-time waiver would be granted "if DOE and Idaho are able to agree upon an enforceable commitment and time frame for timely resolving the 1995 Settlement Agreement noncompliance issues."

The correspondence between Moniz and Otter is attached to this story under the following "Related Content":


**Related Content**

- [PDF: Request from DOE to ship fuel rods](#)
- [PDF: Otter's response to DOE](#)
- [Former Idaho governors blast Otter's nuclear waste deal](#)
- [Department of Energy fined for nuclear waste](#)

#####

Dean A. Groetzinger, PMP | Director

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**Allegheny**  
SCIENCE & TECHNOLOGY

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**Humphrey, Shonda (CONTR)**

---

**From:** Dean Groetzinger <dgroetzinger@alleghenyst.com>  
**Sent:** Wednesday, January 21, 2015 9:21 AM  
**Subject:** FYI: DOE, Navy Show It's Safe to Store Nuclear Waste . . . .

**Importance:** High

*FYI. Please feel free to share the attached with other colleagues.*

---

**DOE, Navy Show It's Safe to Store Nuclear Waste**

---

Idaho Statesman; Guest Opinion, by Jeff Thompson; January 20, 2015

As chairman of the Idaho House Environment, Energy and Technology Committee, and as a member of the Governor's Leadership in Nuclear Energy Commission, or LINE, I follow issues related to Idaho National Laboratory very closely.

As you might imagine, I was quite surprised when two former governors recently launched their barrage of criticism against our current governor and attorney general with the claim that an agreement with the Department of Energy has been "done in the dark of night in secrecy." I knew that certainly was not the case - which caused me to question each of their other claims.

First, the miniscule amounts of valuable material that INL wants to bring to the lab for research and/or the challenges of starting up a half-billion-dollar, first-of-a-kind machine to treat high-level liquid waste have been part of every LINE 2.0 Commission meeting for the last year and a half.

Then, they mistakenly claimed that more than 37 tons of used nuclear fuel was on its way to Idaho. The media did a quick fact check and corrected the record to show that, in fact, these two research projects only involved 200 pounds of used nuclear fuel.

That then led me to question how two former governors, whom I respect deeply, could claim that 200 pounds of used fuel - when I have seen how the Department of Energy and U.S. Navy are safely storing nearly 300 metric tons of used fuel in Idaho - was turning us into a waste dump.

The reality is that the state has been enforcing the 1995 Settlement Agreement with great success, and since January 2007, nearly 20,000 tons of radioactive waste has actually left the state.

Finally, I am very curious to hear the former governors' scientific explanations for how an extremely durable ceramic fuel, encased in metal rods, could somehow migrate to the aquifer and contaminate Idaho's entire potato crop. There is simply no scientific or rational basis to justify those irresponsible statements.

If our two former governors have science or data to support their rhetoric, the House Environment, Energy and Technology Committee will hold a hearing in a heartbeat to hear these new revelations. If it is simply fear-mongering and politicking, our committee will continue to focus on energy and environmental issues of substance.

Rep. Jeff Thompson is from Idaho Falls and chairs the House Environment, Energy and Technology Committee and serves on the Leadership in Nuclear Energy Commission.

#####

**Dean A. Groetzinger, PMP | Director**



**SBA 8(a) Certified, WOSB, SDB**  
2225 W. Broadway, Suite C, Idaho Falls, ID 83402  
(O) 208.528.0500 - (C) (b) (6) (F) 208.528.0580  
[www.alleghenyst.com](http://www.alleghenyst.com)

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---

**Humphrey, Shonda (CONTR)**

---

**From:** Bowhan, Brett R (NE-ID)  
**Sent:** Tuesday, January 20, 2015 2:07 PM  
**To:** Urle, Matthew  
**Subject:** FW: News Clips - January 20, 2016  
**Attachments:** News Clips - January 20, 2015 - DOE-ID, Other.pdf

FYI -- (b) (5)

Brett

---

~~**From:** Jackson, Timothy B  
**Sent:** Tuesday, January 20, 2015 10:09 AM  
**To:** Bowhan, Brett R  
**Subject:** FW: News Clips - January 20, 2015~~

---

**From:** Jackson, Timothy B  
**Sent:** Tuesday, January 20, 2015 10:07 AM  
**To:** [karin.brown@hq.doe.gov](mailto:karin.brown@hq.doe.gov); Ramsay, Liz; Richards, Andrew; Provencher, Richard B; Gunn, Alan L; Furstenau, Raymond V; Zimmerman, John P (Jack); Brennan, Shannon A; Miller, Danielle C; Pence, Robert L  
**Subject:** FW: News Clips - January 20, 2015

FYI. (b) (5)

# DAILY NEWS CLIPS

U.S. DEPARTMENT OF ENERGY



**Idaho Operations Office**

**DATE: January 20, 2015**

Courtesy of the  
Administrative Support Center  
208-526-6265

# Cautious optimism in waste treatment facility's progress

■ As testing continues successfully, fines kick in

By LUKE HAMSETH  
lhamseth@postregister.com

Federal officials are careful not to be overly optimistic about major progress being made at a glitch-prone radioactive waste treatment facility west of Idaho Falls.

A first round of testing is complete at the Integrated Waste Treatment Unit, with no issues encountered. But federal officials and contractor CH2M-WG Idaho, or CWI, are mostly keeping quiet.

The \$571 million treatment facility was built more than five years ago to treat 900,000 gallons

of radioactive liquid waste and turn it into powder. The waste resides in three 50-year-old steel tanks. Malfunctions have plagued the first-of-its-kind facility for years, preventing treatment — or even much testing.

Earlier this month, the Idaho Department of Environmental Quality said it would fine the U.S. Department of Energy \$3,600 for every day the three tanks still contained the waste. The fine would increase to \$6,000 July 1, state officials said.

Two weeks after that decision came down, details of the violation and of the treatment facil-

ity's slow progress continue to emerge.

## Progress

Some 58,000 gallons of simulant, a material that mimics radioactive waste, has successfully traveled through the treatment process. Facility testing has never made it so far.

The facility is now in the midst of a planned six- to eight-week outage, as equipment is inspected and DEQ approvals are obtained.

"The team is extremely excited about the fact that we've demonstrated that this process actually can work," Curtis Roth, a DOE deputy manager who over-

sees the treatment unit, said at a recent INL Site Environmental Management Citizens Advisory Board meeting.

But DOE officials indicated no public announcement would be made until it's clear more issues haven't cropped up again. Officials also are testing the powder the simulant material produced, to ensure the treatment process is effective.

It's uncertain when real treatment could begin, but in a letter to employees, CWI President and Chief Executive Officer Tom Dieter said sometime this spring

■ DOE officials are in talks with DEQ about lowering the fines

WASTE, Continued on Page B3



## WASTE

From Page B1

was feasible.

### Possible extension

Treating the 900,000 gallons could take roughly a year.

That's led to discussions over whether to extend CWI's contract until the work is done, in order to avoid any further hiccups. The contract was originally written to expire in September.

"Transitions are fraught with a lot of problems, and I hope DOE has learned that lesson," said Herb Bohrer, chairman of the Citizens Advisory Board.

### Smaller, shared fines?

DOE officials said they are in talks with DEQ about lowering the fines.

In addition, federal officials at the Citizens Advisory Board meeting indicated it was possible contractor CWI might have to pick up at least part of the tab.

That's likely unwelcome news for CWI. The contractor's primary parent company, CH2M Hill, reportedly is suffering financial constraints. The company reported a net loss of \$131 million in the third quarter of 2014, trade pub-

lication Weapons Complex Monitor reported.

### Conflicting narratives

Even as DOE apparently negotiates for a lower fine, top federal officials have also said the fines were deserved and could have been expected.

"I don't know that we could have avoided (the fines)," said Jack Zimmerman, deputy manager of the Idaho Cleanup Project. "It's appropriate for them to hold us accountable, and this is one of the tools they have to do that."

Dieter wrote in his letter to CWI employees that's not necessarily the case.

Dieter said he was "surprised and disappointed in this action." He said he had been personally keeping state regulators and Gov. C.L. "Butch" Otter's office up to date on the Integrated Waste Treatment Unit's progress.

Dieter said he had "voluntarily pressed for the establishment of new milestones with financial penalties assessed for missing future deadlines in order to demonstrate continued ownership and accountability."

"The feedback I have received indicated they were satisfied with our progress and that we were meeting the intent of the milestone which was established more than 22 years ago," he wrote.

## Wrong on the facts

**W**hen former governors Phil Batt and Cecil Andrus speak, Idahoans listen. So, across the state you will find people convinced Gov. C.L. "Butch" Otter and Attorney General Lawrence Wasden betrayed them by approving the importation of a small quantity of commercial spent fuel to Idaho National Laboratory.

Andrus called that decision a "travesty."

Said Batt: "You take an ounce of waste from the federal government, they want to give you 10,000 pounds."

Andrus said Otter and Wasden will create "a Yucca Mountain in Idaho." Batt talked about contaminants leaching into the aquifer and causing hardship for the potato industry, Magic Valley fish farms and municipal water users.

The former governors came about their opinions honorably. Their efforts in the 1990s led to a Settlement Agreement with the feds, resulting in a much cleaner INL. They also built the foundation that allowed the site to become the nation's lead nuclear research laboratory.

But on this issue, Batt and Andrus are wrong.

Consider the facts:

Last month, Energy Secretary Ernest Moniz offered Idaho an opportunity. A 2011 Memorandum of Agreement between Idaho and the feds allowed INL to accept research quantities of commercial fuel. That MOA, however, was rendered moot by missed cleanup deadlines.

So, Moniz asked the question: Would the state consider receiving two shipments of commercial fuel rods, totaling roughly 200 pounds, to be studied at INL?

Doing so would be worth \$10 million to \$20 million annually and keep Idaho well under the maximum amount of fuel allowed by the Settlement Agreement.

Left unsaid was the obvious: This is exactly the kind of work the nation's lead nuclear research lab should be doing; and if Idaho didn't want the job, somebody else, perhaps the Oak Ridge Lab, would.

But there is another side to consider: the cleanup efforts.

Since the Settlement Agreement was signed and ratified by the voters two decades ago, nearly 20 million gallons

of deadly liquid waste has been solidified and safely stored; 900,000 gallons remain.

A new conversion technology has proven problematic and deadlines have been missed. So, in an entirely appropriate action, the state earlier this month began fining DOE \$3,600 per day.

Those missed deadlines are troubling to everyone, most of all those working on the Integrated Waste Treatment Unit.

We know progress is being made, including a successful test run. We also know that the biggest hazard to human health and the environment would be rushing to make this facility operational before its ready.

Otter, to his credit, saw those missed deadlines as an opportunity to enforce the spirit of the Settlement Agreement while not harming the site's research mission.

The deal to import the commercial fuel is contingent upon DOE coming up with a realistic timeline to treat the liquid waste.

Everybody wins.

Adopting the Batt-Andrus line-in-the-sand approach would in all likelihood fulfill the George W. Bush-era "clean it up and close it down" edict.

Idaho's policymakers, especially Rep. Mike Simpson, have worked too hard to allow that to happen.

Our fellow citizens across the nation have poured billions of dollars into Idaho. Progress, on cleanup and research, is both measurable and remarkable. The deal agreed to by Otter and Moniz is not a "travesty." It's progress.

The sad part is that Batt and Andrus shouldn't be crying foul. They ought to be doing a victory lap. Their work helped build the modern INL: cleaner, smarter, wiser.

Instead of having a debate rooted in the past, we should be looking to the future. The Settlement Agreement is half completed and much has changed in 20 years.

Idaho should be studying the details to make sure enforcement mechanisms developed during the Clinton Presidency do not unnecessarily constrict research. Idaho can be diligent about cleanup without tying the hands of our scientists.

With former INL employee John Kotek set to assume a senior position at DOE, such discussions might be possible.

But only if Idaho's influential ex-governors stop attempting to slay dragons that exist nowhere else but their memories.

Corey Taule



Andrus



Batt

## Feds seek to bring nuclear waste to state

IDAHO FALLS (AP) — Idaho will grant a one-time waiver to the U.S. Department of Energy to bring nuclear waste into the state for research purposes if certain conditions are met, Gov. C.L. "Butch" Otter said.

In a letter to U.S. Energy Secretary Ernest Moniz, Otter said spent fuel rods can enter the state if the federal agency commits to resolving non-compliance issues from a 1995 agreement, the Post Register reports (<http://www.postregister.com/node/71591>) in a story on Wednesday.

Idaho has banned shipments since January 2013 after the Department of Energy missed a clean-up deadline at the Idaho National Laboratory in southeastern Idaho.

In the 1995 agreement struck between the federal government and then-Gov. Phil Batt, a Republican, the Department of Energy was required to remove all high-level waste and spent nuclear fuel from Idaho by 2035, and also meet other deadlines along the way. The fear was that buried nuclear waste would seep into the huge Eastern Snake Plain Aquifer that provides water to much of the state's agriculture industry.

In a letter to Otter obtained by the newspaper, Moniz said funding for the research associated with bringing in the nuclear waste would bring up to \$20 million annually through the end of the decade. Twenty-five spent fuel rods would arrive in June and another 25 in January 2016.

# Idaho could miss nuke waste removal deadline

THE ASSOCIATED PRESS

**Idaho Falls, Idaho** » A court-ordered deadline at the end of this month to ship nuclear waste out of Idaho might be missed, officials at the Idaho National Laboratory say.

Steel drums filled with low-level radioactive waste are backing up at the site because an underground nuclear waste repository in southern New Mexico is not taking shipments due to recent mishaps.

Ben Roberts of the U.S. Department of Energy told the Post Register that there are more than 400 shipments ready to go, and that storage facilities at the southeastern Idaho site could be at capacity by September of next year.

Brad Bugger of the U.S. Department of Energy said it's not clear when nuclear waste from the Idaho facility will start being shipped again to the Waste Isolation Pilot

Plant in New Mexico.

That site stopped taking shipments in February when a container of waste from Los Alamos National Laboratory ruptured after being placed in a storage room at the Waste Isolation Pilot Plant. Sampling stations at and near the plant confirmed the presence of trace amounts of americium and plutonium. The release forced the plant's indefinite closure. Federal officials have said it could take years and a half-billion dollars to restart operations.

A 1995 settlement agreement between Idaho and federal authorities sets deadlines for when radioactive waste must leave Idaho, and one of them requires 2,000 cubic meters of transuranic waste to be moved out the state per year. That hasn't been met this year.

There's also a possibility the federal government will miss a 2018 deadline to have all lower level transuranic

waste removed from the state.

"It's going to be a big deal here, because we're not going to meet the settlement agreement," said Bob Skinner, a retired radioactive waste manager for CWI, a cleanup contractor.

In the 1995 agreement struck between the federal government and then-Gov. Phil Batt, a Republican, the Department of Energy was required to remove all high-level waste and spent nuclear fuel from Idaho by 2035. The fear was that buried nuclear waste would seep into the huge Eastern Snake Plain Aquifer that provides water to much of the state's agriculture industry.

Susan Burke, INL coordinator for the Idaho Department of Environmental Quality, said the state agency wants the nuclear waste moved to the site in New Mexico, but doesn't "have any concerns with the storage of drums at the site right now."

# What's News

\* \* \*

## Business & Finance

**M**ortgage applications surged last week, driven by refinancing, as the rate on a 30-year mortgage fell to its lowest level since May 2013. A1

■ **Stocks fell and Treasury yields hit record lows** on a decline in retail sales and lackluster bank earnings. The Dow slid 186.59 to 17427.09. C1

■ **U.S. retail sales fell 0.9%** in December from a month earlier. Excluding gasoline, spending rose 5.3% from a year ago. A2

■ **J.P. Morgan CEO Dimon** rejected calls to break up the bank after reporting a 6.6% drop in quarterly earnings. C1

■ **Wells Fargo's profit** met expectations but raised questions about the bank's mortgage business and expenses. C1

■ **RadioShack is preparing** to file for bankruptcy protection as early as next month after a sputtering turnaround effort that left it short on cash. B1

■ **Copper prices** suffered their biggest drop in over three years, reflecting concerns about the world economy. C1

■ **Venture-capital investment** in the U.S. jumped 47% in 2014 as investment in later-stage deals set a record. B3

■ **GM plans to boost capital spending** by 20% this year to \$9 billion while paying out \$1.2 billion in recall costs. B8

■ **Ollman Hamn pledged** Continental shares for a loan, days after his ex-wife cashed a \$975 million divorce check. B1

■ **Shell scrapped plans** to build a petrochemicals plant in Qatar as oil prices slump. B6

\* \* \*

\* \* \*

## World-Wide

■ **Al Qaeda's offshoot** in Yemen claimed responsibility for the deadly attack on Paris magazine Charlie Hebdo by two French brothers. A1, A8

■ **U.S. airstrikes** in Syria have failed to prevent Islamic State from expanding its control in that country. A1

■ **Iraqis are criticizing** the U.S.-led campaign against Islamic State, saying it is too slow and too small. A10

■ **Iran's judiciary** indicted an American journalist, a step that could complicate U.S. efforts to reach a nuclear accord. A10

■ **The House passed** legislation to nullify Obama's immigration policies in a bill tied to homeland security. A3

■ **The EPA unveiled** plans to cut methane emissions from the oil and gas sector by 40% to 45% over the next decade. A6

■ **Russia plans steep** spending cuts as it grapples with Western sanctions and a big drop in oil prices, officials said. A9

■ **An Ohio man** was charged in an alleged plot to attack the U.S. Capitol in support of Islamic State, the FBI said. A6

■ **Four Secret Service** officials are being removed from their jobs after security breaches. A2

■ **A Singapore navy vessel** found the main section of Air-Asia Flight 8501. A14

■ **Taxpayers are facing** the worst IRS service since at least 2001, a report said. A2

■ **The FDA approved** a dieting device that manipulates the nerve pathway that makes people feel hungry or full. B1

# What's News

## Business & Finance

**G**overnment bond yields in the U.S., Germany and Japan plunged as anxiety over global growth intensified. Oil prices tumbled, with Nymex crude falling to \$47.93 a barrel. The Dow shed 130.01 points to 17371.64. A1, C1

■ U.S. oil and gas companies have gone heavily into debt during the energy boom, raising borrowings by 55% since 2010 to nearly \$200 billion. A1

■ U.S. Steel said it would idle plants in Ohio and Texas and lay off 756 workers, a result of the collapse in oil prices. B1

■ 3G is setting its sights on potential new targets that could give the Brazilian firm control of even more well-known consumer brands. A1

■ Daimler is uprooting Mercedes-Benz USA's headquarters from its longtime perch in New Jersey with plans to relocate it to an Atlanta suburb. B1

■ Swiss Re is looking to sell its 15% stake in Brevan Howard, one of Europe's largest hedge funds. C1

■ The White House and Fed moved to bolster the central bank's leadership, tapping two people for top posts. A3

■ J.C. Penney said same-store sales rose 3.7% over the holiday season. Shares surged 20% after hours. B2

■ Investors pulled a net \$150 billion from Pimco's mutual funds in 2014, a record annual outflow for a fund firm. C2

■ Bitstamp suspended service after losing about \$5.1 million in what the bitcoin exchange called a breach. C3

\* \* \*

## World-Wide

■ Boehner turned away conservative opposition to win a third term as House speaker on the GOP's first day in full control of Congress. A1, A4

■ The Obama administration said it would veto any bill authorizing the Keystone pipeline or making a change Republicans want in the health law. A4

■ A Taliban group traveled to China last month to discuss the possibility of talks with the Afghan government. A6

■ The U.S. is probing reports of civilian casualties from coalition airstrikes on Islamic State in Iraq and Syria. A7

■ Iraqi officials said a suicide bomb and clashes with Islamic State killed at least 23 troops and Sunni fighters. A7

■ Jeb Bush and his backers launched a political committee and a super PAC, marking a major step toward a likely presidential campaign. A5

■ U.S. forces in Africa have in custody a man claiming to be a top leader of the Lord's Resistance Army rebels. A7

■ Virginia ex-Gov. McDonnell was sentenced to two years in prison for taking loans and gifts from a wealthy donor. A3

■ A woman with hand grenades attacked a police post near one of Turkey's top attractions, killing an officer. A7

■ Mexican forces killed at least nine armed civilians in violence over demands for a vigilante leader's release. A12

■ The use of border drones has been more expensive and less effective than thought, a government watchdog said. A3

\* \* \*

**Humphrey, Shonda (CONTR)**

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**From:** Payne, Kedric  
**Sent:** Wednesday, January 14, 2015 11:24 AM  
**To:** Shimek, Jalme  
**Subject:** RE: Idaho letter

Jalme, (b) (5)

(b) (5)

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**From:** Shimek, Jalme  
**Sent:** Wednesday, January 14, 2015 11:08 AM  
**To:** Kolachalam, Namrata; Ramsay, Liz; Wagner, Mary Louise; Richards, Andrew; Payne, Kedric  
**Cc:** Urie, Matthew; Provencher, Richard B (NE-ID); Furstenau, Ray (NE-ID); Jones, Collin  
**Subject:** Re: Idaho letter

+ Kedric as Urie is out.

(b) (5)

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**From:** Kolachalam, Namrata  
**Sent:** Wednesday, January 14, 2015 11:03 AM  
**To:** Ramsay, Liz; Shimek, Jalme; Wagner, Mary Louise; Richards, Andrew  
**Cc:** Urie, Matthew; Provencher, Richard B (NE-ID); Furstenau, Ray (NE-ID); Jones, Collin  
**Subject:** RE: Idaho letter

Got this inquiry just now.

---

**From:** Jeremy Dillon [<mailto:dillon@exchangemonitor.com>]  
**Sent:** Wednesday, January 14, 2015 10:55 AM  
**To:** Kolachalam, Namrata  
**Subject:** Idaho letter

Namrata,

I saw a report from Idaho that said Moniz sent a letter to the Governor's office, dated December 31, that laid out a plan to bring two shipments of research quantity fuel to INL. Is that letter referring to the high-burnup fuel study that EPRI plans to conduct at INL? Any chance I could see a copy of that letter?

The governor's response letter said Idaho would be open to granting a one-time, conditional waiver to allow receipt of the proposed shipments at INL if DOE and Idaho were able to agree upon an enforceable commitment and time frame for timely resolving the 1995 Settlement Agreement noncompliance issues. Is there any response to this condition the state would like placed on the shipments?

Thanks,

Jeremy L. Dillon  
Reporter, RadWaste Monitor  
4301 Connecticut Ave. Washington D.C.  
202-296-2814 ext. 110 (office)  
(b) (6) cell



Humphrey, Shonda (CONTR)

From: Hampton, Catherine  
 Sent: Wednesday, January 14, 2015 11:25 AM  
 To: Kolachalam, Namrata; Shimek, Jalme  
 Cc: Trummell, Candice  
 Subject: FW: Today's Post Register story

FYI

-----Original Message-----

From: Jackson, Timothy B  
 Sent: Wednesday, January 14, 2015 08:15 AM Mountain Standard Time  
 To: Ramsay, Liz  
 Cc: Richards, Andrew; karin.brown@hq.doe.gov; Furstenau, Raymond V; Lockle, Keith A; Provencher, Richard B; Zimmerman, John P (Jack); Miller, Danielle C; Pence, Robert L; Brennan, Shannon A  
 Subject: Today's Post Register story

Liz,

Here is the story and web link. This ran on C1 of the paper edition this morning with small photos of Moniz and Otter. It appears the state gave the reporter the Dec. 31 and Jan. 8 letters. Tim

Story: <http://www.postregister.com/articles/news-todays-headlines/2015/01/13/state-doe-look-bring-spent-nuclear-fuel-inl> <<http://www.postregister.com/articles/news-todays-headlines/2015/01/13/state-doe-look-bring-spent-nuclear-fuel-inl>>

State, DOE look to bring spent nuclear fuel to INL

Posted: January 13, 2015 8:00 p.m.

By LUKE RAMSETH

An effort is underway to again allow spent nuclear fuel to be shipped to Idaho National Laboratory for research projects, after more than two years without any such shipments.

A Thursday letter from Idaho Gov. C.L. "Butch" Otter to U.S. Secretary of Energy Ernest Moniz indicated the state would support the Department of Energy's proposal to bring in the spent fuel.

Such shipments have been banned by the state since Jan. 1 2013, as a consequence for DOE missing a nuclear waste cleanup deadline in the 1995 Settlement Agreement.

The Settlement Agreement laid out strict milestones for when certain types of radioactive waste had to leave Idaho or be treated. When DOE missed a Dec. 31 2012, deadline to treat three tanks of liquid radioactive waste, it no longer was allowed to bring in spent nuclear fuel for research or interim storage purposes.

Prior to the ban, however, spent nuclear fuel had traveled to INL from other DOE research sites, foreign research reactors — as well as, since 2011, limited amounts from commercial nuclear reactors. Spent fuel shipments continued to be accepted to the Naval Reactors Facility, however.

According to Otter's letter to Moniz, Idaho will "grant a one-time, conditional waiver to allow receipt of the proposed (spent nuclear fuel) shipments at INL if DOE and Idaho are able to agree upon an enforceable commitment and time frame for timely resolving the 1995 Settlement Agreement noncompliance issues."

The missed 2012 deadline remains out of compliance because of ongoing problems with a treatment facility — the Integrated Waste Treatment Unit, at DOE's desert site. Another Settlement Agreement milestone, which requires an average of 2,000 cubic meters of transuranic waste to leave Idaho per year, also recently was violated because of the temporary closure of a New Mexico waste repository.

Otter's letter came in reply to a lengthy Dec. 31 letter from Moniz, also obtained by the Post Register.

In his letter, Moniz laid out a plan to bring two shipments of "research quantity fuel" to INL from an unnamed commercial nuclear power plant.

The first shipment, scheduled for June, would include one cask of 25 spent fuel rods. The rods would be used for research on fuel recycling, as well as studies on fuel performance, Moniz said in the letter.

A second shipment, proposed for January 2016, also would include 25 spent fuel rods. It would be used for a research project with the Electric Power Research Institute, examining how to safely store spent nuclear fuel around the country.

Moniz stressed the economic importance of the shipments for eastern Idaho, saying that "funding associated with these research projects is expected to be about \$10-20 (million) annually to the INL through approximately the end of this decade."

DOE needed the governor's go-ahead quickly, Moniz wrote, because of planning and logistics associated with safely bringing the shipments to INL, and a tight schedule at the commercial plant where the fuel would come from.

"DOE stands ready to work closely with the appropriate State officials to provide additional details of these proposed shipments and address any questions," Moniz said. "If this commercially-imposed deadline is missed, we will suffer a two-year delay in this project."

Much of Moniz's letter also focused on DOE's cleanup delays associated with the Integrated Waste Treatment Unit. He sought to assure Otter that unit operations were a "top priority" for DOE and mentioned that testing of the facility had gone smoothly in recent weeks.

The agreement to bring spent fuel to INL comes just as Idaho's Department of Environmental Quality said it would fine DOE \$3,600 per day — and \$6,000 per day later this year — until the three tanks of radioactive, sodium-bearing liquid waste were emptied. The waste in the tanks is slated for treatment in the Integrated Waste Treatment Unit.

The notice of violation and fines were issued to DOE on Jan. 6. Otter sent his reply to Moniz two days later, though he did not specifically mention the fines.

"We look forward to resolving the current noncompliance issues at INL," Otter wrote.

Humphrey, Shonda (CONTR)

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From: Shimek, Jaime  
Sent: Thursday, January 15, 2015 2:31 PM  
To: Ramsay, Liz; Jones, Colin  
Cc: Trummell, Candice  
Subject: FW: Idaho Update  
Attachments: Offer 12.31.14.pdf; Secretary Moniz Letter 1082015.pdf

(b) (5)

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From: Shimek, Jaime  
Sent: Thursday, January 15, 2015 2:30 PM  
To: 'sarah.cannon@mail.house.gov'; Brianne Miller (brianne\_miller@risch.senate.gov); 'Robinson, Sierra (Crapo)'  
Cc: Middleton, Julie (DOE); Temple, Patricia; Benner, Janine  
Subject: Idaho Update

Good afternoon,

(b) (5)

N/R

(b) (5)

(b) (5)

N/R

We would be happy to come up and brief you as a delegation if you would like.

Thanks,  
Jaime

Jaime Shimek  
Deputy Assistant Secretary for Senate Affairs  
Office of Congressional and Intergovernmental Affairs  
U.S. Department of Energy  
202-586-5450  
[jaime.shimek@hq.doe.gov](mailto:jaime.shimek@hq.doe.gov)

**Humphrey, Shonda (CONTR)**

---

**From:** Robinson, Sierra (Crapo) <sierra\_roblnson@crapo.senate.gov>  
**Sent:** Thursday, January 15, 2015 2:31 PM  
**To:** Shimek, Jaime  
**Subject:** RE: Idaho Update

Thank you very much.

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**From:** Shimek, Jaime [<mailto:Jaime.Shimek@Hq.Doe.Gov>]  
**Sent:** Thursday, January 15, 2015 2:30 PM  
**To:** 'sarah.cannon@mail.house.gov'; Miller, Brianne (Risch); Robinson, Sierra (Crapo)  
**Cc:** Middleton, Julie (DOE); Temple, Patricia; Benner, Janine  
**Subject:** Idaho Update

Good afternoon,

(b) (5)



N/R



(b) (5)



(b) (5)

N/R

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Thanks,  
Jaime

Jaime Shimek  
Deputy Assistant Secretary for Senate Affairs  
Office of Congressional and Intergovernmental Affairs  
U.S. Department of Energy  
202-586-5450  
[jaime.shimek@hq.doe.gov](mailto:jaime.shimek@hq.doe.gov)

**Humphrey, Shonda (CONTR)**

---

**From:** Shimek, Jaime  
**Sent:** Friday, January 16, 2015 10:20 AM  
**To:** Trujillo, Tara; Kennedy, Allison; Madden, Alice  
**Cc:** Crowell, Brad  
**Subject:** Idaho Update  
**Attachments:** Otter 12.31.14.pdf; Secretary Moniz Letter 1082015.pdf

Team IGEA:

The below is a good update on where we are with the Idaho issue. Also, you should be aware that former Governors blasted Otter's decision. ([http://www.idahostatesman.com/2015/01/15/3593051\\_former\\_idaho\\_governors-blast-otters.html?sp=/99/101/531/&rh=1](http://www.idahostatesman.com/2015/01/15/3593051_former_idaho_governors-blast-otters.html?sp=/99/101/531/&rh=1))

(b) (5)

(b) (5)

That's the news for now.

-js

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**From:** Shimek, Jaime  
**Sent:** Thursday, January 15, 2015 2:30 PM  
**To:** 'sarah.cannon@mail.house.gov'; Brianne Miller ([brianne\\_miller@risch.senate.gov](mailto:brianne_miller@risch.senate.gov)); 'Robinson, Sierra (Crapo)'  
**Cc:** Middleton, Julie (DOE); Temple, Patricia; Benner, Janine  
**Subject:** Idaho Update

Good afternoon,

(b) (5)

N/R

(b) (5)

(b) (5)



N/R

We would be happy to come up and brief you as a delegation if you would like.

Thanks,  
Jalme

Jalme Shimck  
Deputy Assistant Secretary for Senate Affairs  
Office of Congressional and Intergovernmental Affairs  
U.S. Department of Energy  
202-586-5450  
[jalme.shimck@hq.doc.gov](mailto:jalme.shimck@hq.doc.gov)



**Humphrey, Shonda (CONTR)**

---

**From:** Trujillo, Tara  
**Sent:** Friday, January 16, 2015 11:08 AM  
**To:** Shimek, Jaime; Kennedy, Allison; Madden, Alice  
**Cc:** Crowell, Brad  
**Subject:** RE: Idaho Update

Very helpful, Jaime. Thanks for your work on this.

Tara Trujillo  
 Senior Advisor  
 Office of Intergovernmental & External Affairs



U.S. DEPARTMENT OF ENERGY  
 8G-048 FORRESTAL  
 1000 INDEPENDENCE AVE. SW  
 WASHINGTON, DC 20585



202-586-0972

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**From:** Shimek, Jaime  
**Sent:** Friday, January 16, 2015 10:20 AM  
**To:** Trujillo, Tara; Kennedy, Allison; Madden, Alice  
**Cc:** Crowell, Brad  
**Subject:** Idaho Update

Team IGBA:

The below is a good update on where we are with the Idaho issue. Also, you should be aware that former Governors blasted Otter's decision. (<http://www.idahostatesman.com/2015/01/15/3593051-former-idaho-governors-blast-otters.html?sp=/99/101/531/&rh=1>) (b) (5)

(b) (5)

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That's the news for now.

-js

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**From:** Shimek, Jaime  
**Sent:** Thursday, January 15, 2015 2:30 PM  
**To:** 'sarah.cannon@mail.house.gov'; Brianne Miller ([brianne\\_miller@rsch.senate.gov](mailto:brianne_miller@rsch.senate.gov)); 'Robinson, Sierra (Crapo)'

Cc: Middleton, Julie (DOE); Temple, Patricia; Benner, Janine  
Subject: Idaho Update

Good afternoon,

(b) (5)

N/R

(b) (5)

N/R

We would be happy to come up and brief you as a delegation if you would like.

Thanks,  
Janine

Janine Shimek  
Deputy Assistant Secretary for Senate Affairs  
Office of Congressional and Intergovernmental Affairs

U.S. Department of Energy  
202-586-5450  
[jaimeshimek@hq.doe.gov](mailto:jaimeshimek@hq.doe.gov)

---

Humphrey, Shonda (CONTR)

N/R

N/R

**From:** Shimek, Jaime  
**Sent:** Friday, January 16, 2015 1:37 PM  
**To:** Clarkin, Katie  
**Cc:** Iyengar, Radha; McClees, Timothy; Grant, Kathryn; Levy, Jonathan  
**Subject:** RE: S2 to INL in Feb?

Katie - (b) (5)

(b) (5)

Radha/team - I'm available for any questions.

(b) (5)

N/R

(b) (5)

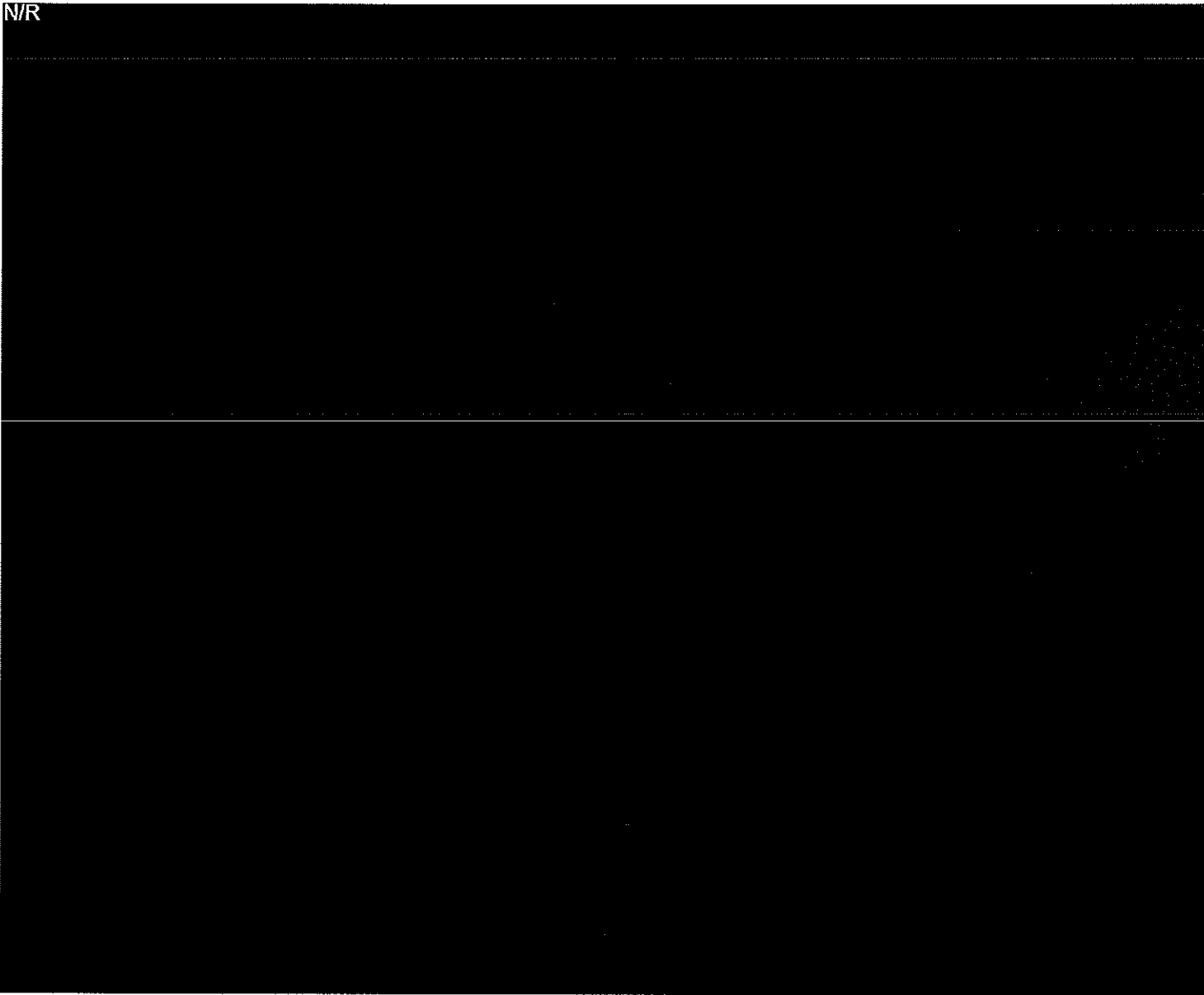
(b) (5)



N/R



N/R



Humphrey, Shonda (CONTR)

N/R



N/R

Thanks,  
Katie

From: Shimek, Jalme  
Sent: Friday, January 16, 2015 1:37 PM  
To: Clarkin, Katie  
Cc: Iyengar, Radha; McClees, Timothy; Grant, Kathryn; Levy, Jonathan  
Subject: RE: S2 to INL in Feb?

Katie - (b) (5)

(b) (5)

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(b) (5)

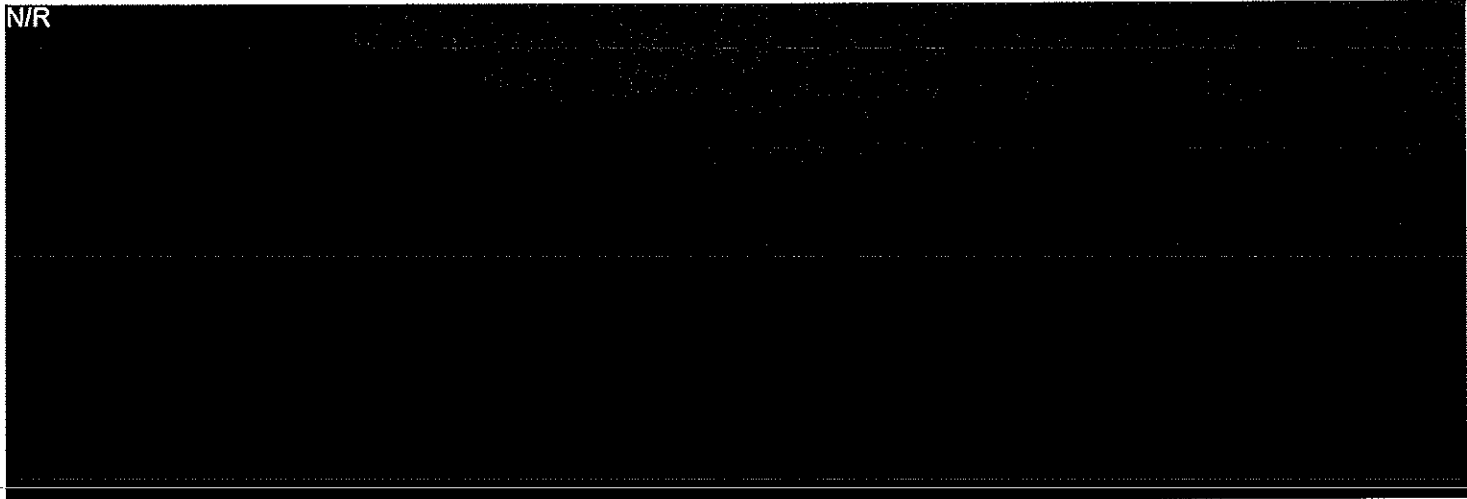
N/R

(b) (5)



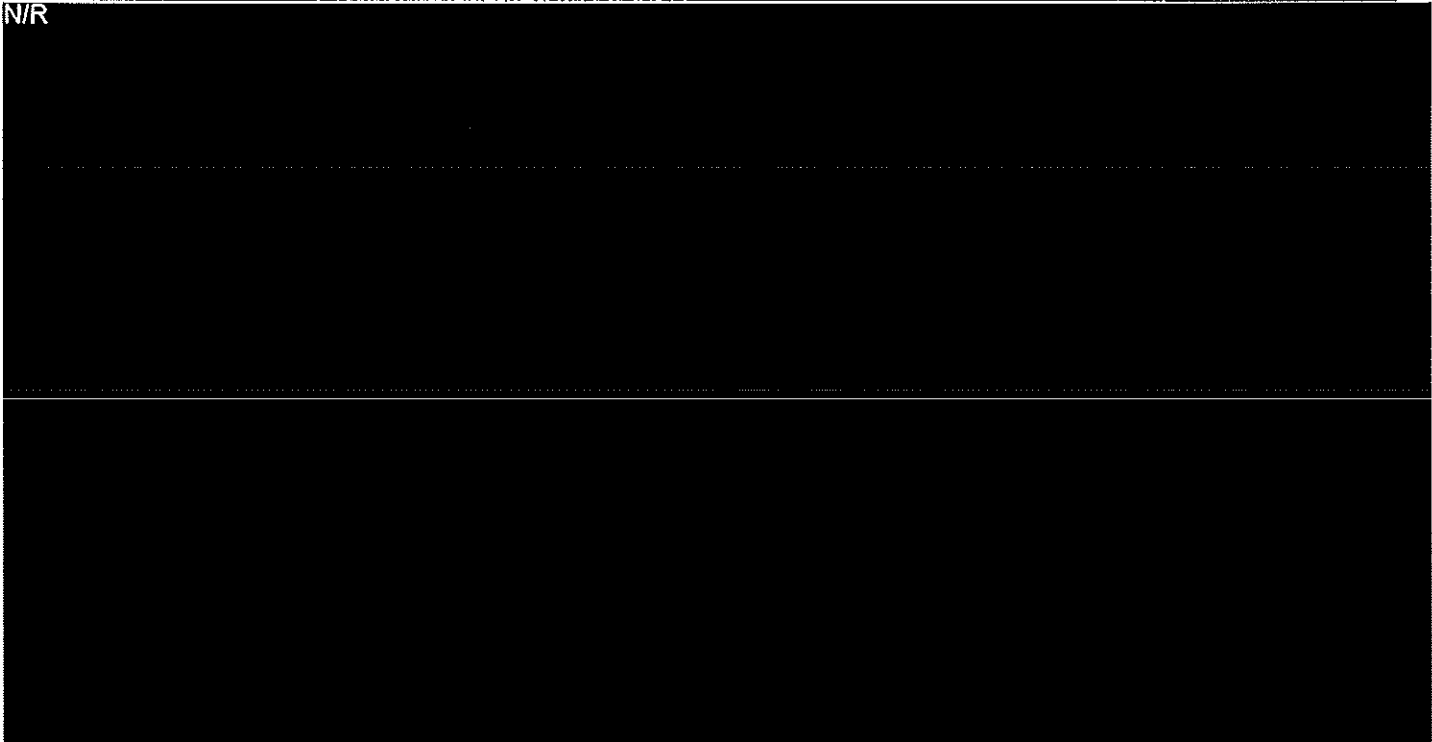
N/R

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Humphrey, Shonda (CONTR)

N/R



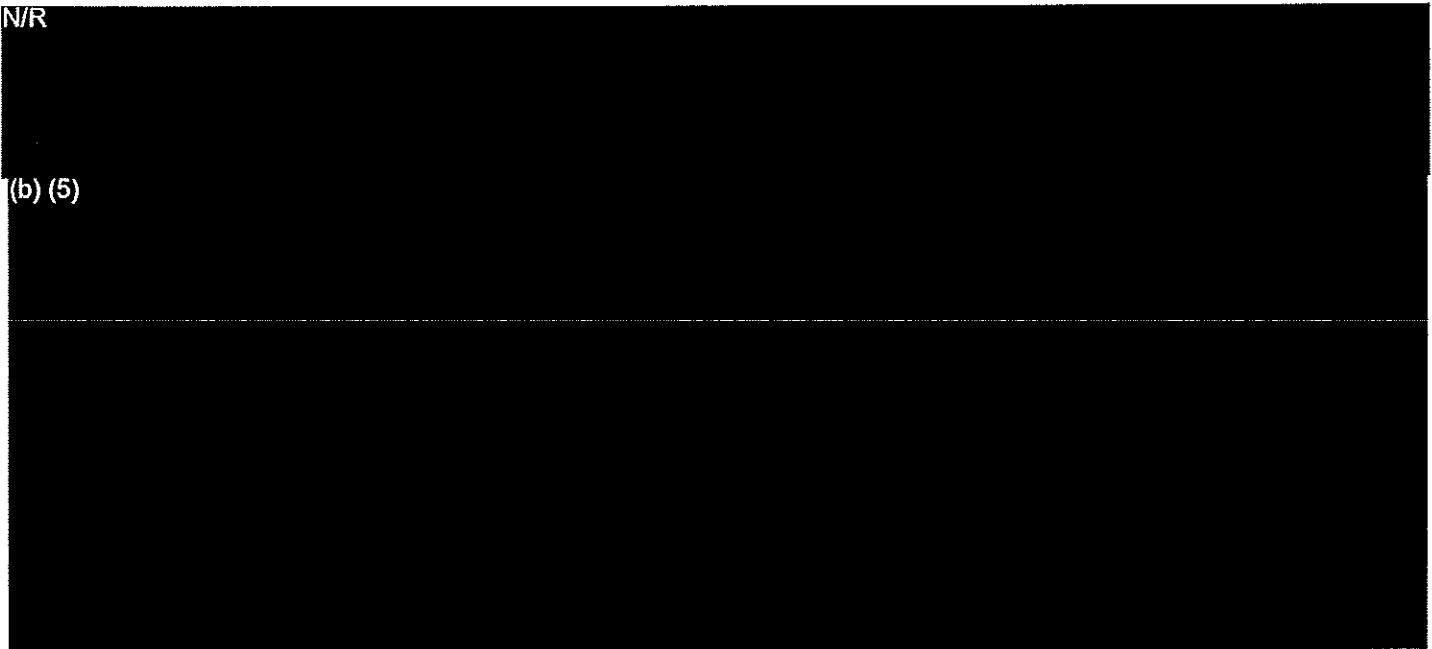
From: Shimek, Jaime  
Sent: Friday, January 16, 2015 1:37 PM  
To: Clarkin, Katie  
Cc: Iyengar, Radha; McClees, Timothy; Grant, Kathryn; Levy, Jonathan  
Subject: RE: S2 to INL in Feb?

Katie - (b) (5)

(b) (5) Radha/team - I'm available for any questions.

(b) (5)

N/R



(b) (5)

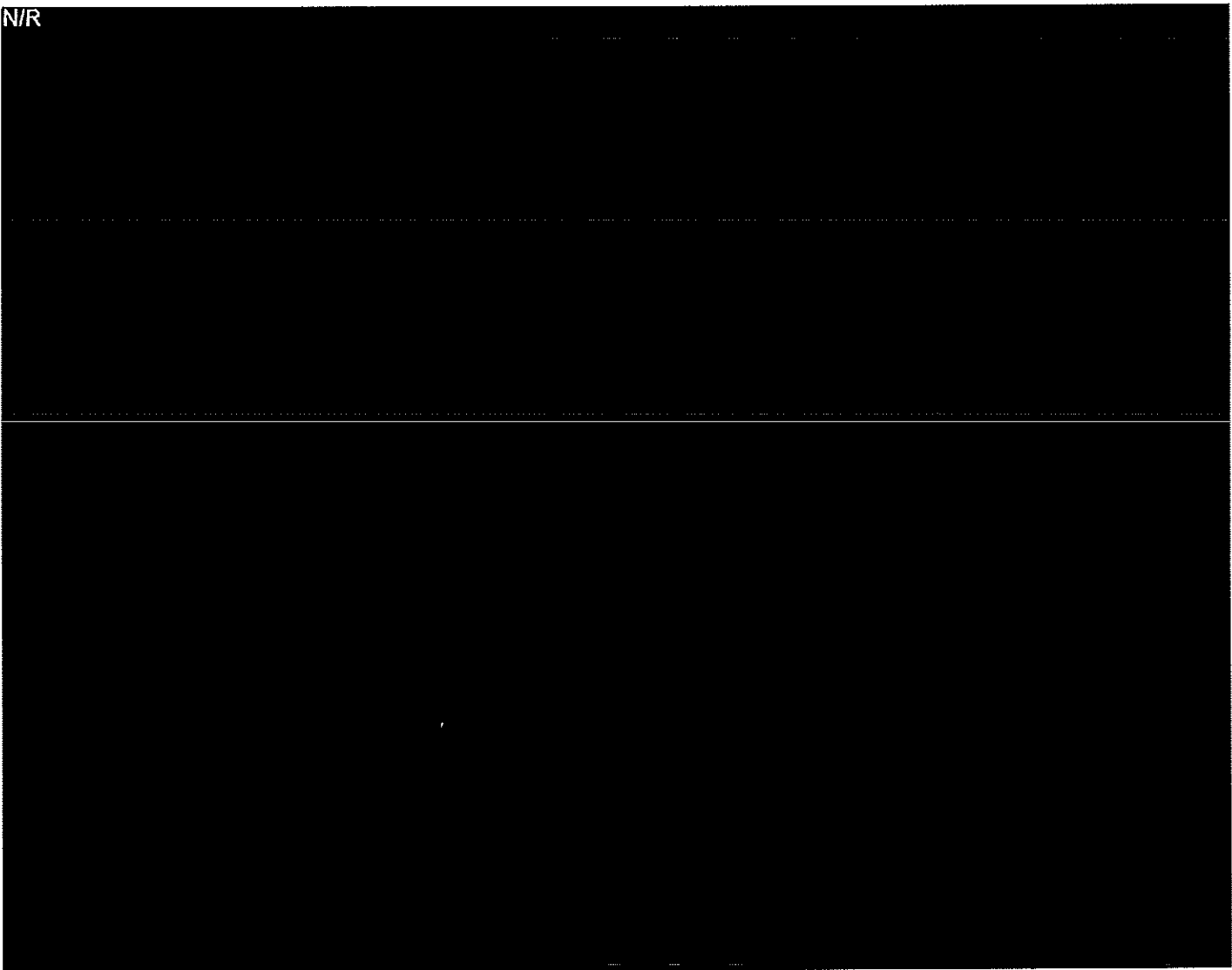
(b) (5)



N/R



N/R



**Humphrey, Shonda (CONTR)**

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**From:** Shimek, Jaime  
**Sent:** Tuesday, January 20, 2015 3:14 PM  
**To:** Levin, Joseph  
**Subject:** FW: S2 to INL in Feb?  
**Attachments:** Otter 12.31.14.pdf; Secretary Moniz Letter 1082015.pdf

See below for the delegation update.

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**From:** Shimek, Jaime  
**Sent:** Friday, January 16, 2015 1:37 PM  
**To:** Clarkin, Katie  
**Cc:** Iyengar, Radha; Mcclees, Timothy; Grant, Kathryn; Levy, Jonathan  
**Subject:** RE: S2 to INL in Feb?

Katie -- (b) (5)  
(b) (5) Radha/team - I'm available for any questions.

(b) (5)

N/R

(b) (5)

(b) (5)



N/R



N/R

