
WASHINGTON STATE

ENERGY FACILITY SITE EVALUATION COUNCIL

Richard Hemstad Building

1300 South Evergreen Park Drive Southwest

Conference Room 206

Olympia, Washington

May 17, 2016

1:30 p.m.

MONTHLY COUNCIL MEETING

Verbatim Transcript of Proceeding

REPORTED BY: ANITA W. SELF, RPR, CCR #3032

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A P P E A R A N C E S

Councilmembers Present:

Bill Lynch, Chair

Jaime Rossman, Department of Commerce

Cullen Stephenson, Department of Ecology

Joe Stohr, Department of Fish and Wildlife

Dennis Moss, Utilities and Transportation Commission

Dan Siemann, Department of Natural Resources

Local Government and Optional State

Agencies (for Tesoro Savage Project):

Larry Paulson, Port of Vancouver

Ken Stone, Department of Transportation

Bryan Snodgrass, City of Vancouver (by phone)

Greg Shafer, Clark County (by phone)

Assistant Attorney General:

Ann Essko, Senior Counsel

Staff in Attendance:

Stephen Posner

Jim LaSpina

Tammy Mastro

Sonia Bumpus

Cassandra Noble

Joan Aitken

Guests in Attendance:

Pete Valinski, Grays Harbor Energy

Mark A. Miller, PacifiCorp Chehalis Generation Facility

Guests in Attendance Via Phone:

Shannon Khounnala, Columbia Generating & WNP 1/4

Jennifer Diaz, Puget Sound Energy

Eric Melbardis, EDP Renewables

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1 OLYMPIA, WASHINGTON, MAY 17, 2016

2 1:30 p.m.

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4
5 CHAIR LYNCH: Good afternoon. Today is
6 May 17th and the regular meeting of the Energy Facility
7 Site Evaluation Council.

8 Could we please have the clerk call the
9 roll?

10 MS. MASTRO: Department of Commerce?

11 MR. ROSSMAN: Jaime Rossman present.

12 MS. MASTRO: Department of Ecology?

13 MR. STEPHENSON: Cullen Stephenson is here.

14 MS. MASTRO: Fish and Wildlife?

15 MR. STOHR: Joe Stohr is here.

16 MS. MASTRO: Department of Natural
17 Resources?

18 MR. SIEMANN: Dan Siemann is here.

19 MS. MASTRO: Utilities and Transportation
20 Commission?

21 MR. MOSS: Dennis Moss is here.

22 MS. MASTRO: Local Governments and Optional
23 State Agencies for the Tesoro Savage project; Department
24 of Transportation?

25 MR. STONE: Ken Stone is present.

1 MS. MASTRO: City of Vancouver?

2 MR. SNODGRASS (via phone): Brian Snodgrass
3 on the phone.

4 MS. MASTRO: Clark County?

5 MR. SHAFER (via phone): Greg Shafer on the
6 conference call.

7 MS. MASTRO: And Port of Vancouver?

8 MR. PAULSON: Larry Paulson is here.

9 MS. MASTRO: Chair, there is a quorum for
10 the regular council and for the Tesoro project council.

11 CHAIR LYNCH: Thank you. If we could just
12 have the Council take a quick look through the proposed
13 agenda today and see if they have any suggested changes.

14 I will note, while the Council's taking that
15 last look through, that there are no action items for
16 the council meeting today, so it should be a relatively
17 short meeting. And hopefully we'll have former
18 councilmember Liz Green-Taylor here today, and if she
19 arrives, we will take up her resolution at the end of
20 the meeting.

21 And at this point in time, I'd like to have
22 anybody on the phone who wishes to identify
23 themselves -- and they're not required to -- to do so
24 now.

25 Anybody on the phone who wishes to identify

1 themselves?

2 MS. DIAZ (via phone): This is Jennifer Diaz
3 with Puget Sound Energy, Wild Horse Wind Facility.

4 MS. KHOUNNALA (via phone): Shannon
5 Khounnala with Energy Northwest.

6 MR. MELBARDIS (via phone): Eric Melbardis
7 with EDP Renewables.

8 CHAIR LYNCH: Okay. Let's go ahead and
9 proceed.

10 If you could please take a look at the
11 minutes from the April 19th meeting, I actually have
12 three small corrections I'd like to make.

13 The first is on page 9, line 18, and on that
14 line there's a reference to "BMTs," and that's actually
15 "BMPs."

16 And then on that same page, page 9, line 20,
17 there's a reference to the "Stormwater Solution
18 Prevention Plan," and it should be the "Stormwater
19 Pollution Prevention Plan," though I kind of like
20 calling them Stormwater Solution Plans. I wonder how
21 far along we'd get if we just made them solution plans.

22 And then the final one is on page 49, line
23 25, instead of the word "gain," it should be "game,"
24 g-a-m-e.

25 And those are the only corrections I have.

1 Do councilmembers have other ones?

2 Councilmember Stephenson?

3 MR. STEPHENSON: Thank you, Mr. Chair.

4 On page 25, line 21, it's "accedence,"
5 a-c-c; I believe that should "exceedance," e-x-c.

6 And on page 38, line 10, it says "here,"
7 h-e-r-e, and I believe that should be h-e-a-r.

8 Am I getting that right?

9 CHAIR LYNCH: Where was that second one,
10 Mr. Stephenson?

11 MR. STEPHENSON: That's page 38, line 10.

12 CHAIR LYNCH: Oh, line 10. Oh, yes,
13 h-e-a-r.

14 Any other suggested edits to the minutes
15 from the April 19th meeting? Hearing none, I'd accept a
16 motion for the approval of the April 19th minutes as
17 amended.

18 MR. STEPHENSON: I'll so move.

19 CHAIR LYNCH: Do we have a second?

20 MR. MOSS: With due acknowledgement to the
21 care with which my colleagues have obviously read these,
22 I will second the motion.

23 CHAIR LYNCH: It's been moved and strongly
24 seconded that the Council approve the minutes from the
25 April 19th meeting as amended.

1 All those in favor, say "Aye."

2 MULTIPLE SPEAKERS: Aye.

3 CHAIR LYNCH: Opposed? Motion carries.

4 At this point in time, let's go ahead and
5 turn to our operational updates. And first we'll turn
6 to Mr. Melbardis regarding the Kittitas Valley Wind
7 Project.

8 MR. MELBARDIS: Good afternoon, Chair Lynch,
9 EFSEC Council. This is Eric Melbardis with EDP
10 Renewables for Kittitas Valley.

11 The site had a generally nonroutine month.
12 We spent a lot of time --

13 CHAIR LYNCH: Sorry. Excuse me,
14 Mr. Melbardis. Could you please speak a little more
15 directly into the phone? We could barely hear you and
16 then we couldn't hear you at all.

17 MR. MELBARDIS: Okay. Sorry about that,
18 Chair Lynch.

19 This is Eric Melbardis with EDP Renewables
20 for Kittitas Valley. We have nothing nonroutine to
21 report.

22 CHAIR LYNCH: Any questions for
23 Mr. Melbardis?

24 Thank you, Mr. Melbardis.

25 And now we'll turn to Ms. Diaz with Puget

1 Sound Energy for the Wild Horse Wind Power Project
2 update.

3 MS. DIAZ: Yes. Thank you, Chair Lynch and
4 councilmembers. I have a few updates for the Council
5 this month, one update under the heading of Safety and
6 then three updates under Compliance and Environmental.

7 The Safety update is that site staff
8 received AED, CPR and first-aid training last month.

9 And under Compliance/Environmental, in
10 accordance with the Stormwater Pollution Prevention
11 Plan, biannual culvert inspections were completed, and
12 the culverts were observed to be in good condition.

13 And in accordance with the Wildlife Incident
14 Reporting and Handling System, site staff received
15 annual training on how to respond to and document
16 wildlife incidents found within the facility boundaries.

17 And finally, on May 4th, Ray Latham from the
18 Department of Ecology joined Jim LaSpina at Wild Horse
19 to conduct an annual stormwater compliance inspection.
20 The inspection included a review of the stormwater plan,
21 the Spill Prevention, Control and Countermeasure Plan
22 and site inspection records.

23 The inspection also included a visit to our
24 substation, solar facility and our maintenance building.
25 And overall, the site was observed to be in good

1 condition and is in full compliance with the SCA
2 requirements.

3 Ray provided some good feedback and some
4 recommendations for improvements to the written SWPPP,
5 which will be implemented by PSE and submitted to
6 Ecology and EFSEC for review before finalizing.

7 And that's all I have.

8 CHAIR LYNCH: Very good.

9 Any questions for Ms. Diaz regarding the
10 Wild Horse Wind Power Project?

11 Thank you, Ms. Diaz.

12 MS. DIAZ: Thank you.

13 CHAIR LYNCH: Let's turn now to
14 Ms. Khounnala who is going to first tell us about the
15 Columbia Generating Station and then WNP 1/4.

16 MS. KHOUNNALA: Yes. Good afternoon,
17 Council and Chair Lynch.

18 In regard to the Columbia Generating
19 Station, Columbia is operating as expected at
20 100 percent power today.

21 I did have a bring-back from last week's
22 [sic] meeting to provide some additional details
23 following our cause evaluation from the event SCRAM that
24 happened at the end of March.

25 So as you'll see in your updates, I've

1 provided a short description, again, just summarizing --
2 summarizing the events that led to that SCRAM. And I
3 know at the time that I provided the update last month,
4 we were in -- we were in the middle of the event
5 investigation and the cause evaluation, so I'd like to
6 give an update on that here today.

7 Briefly, if you remember, I discussed during
8 last month's meeting, and as you see in your summary, we
9 were performing post-maintenance testing on a valve.
10 And during that evolution, which was to essentially open
11 the valve and close the valve, when we opened the valve,
12 equipment operators received indication of some low
13 water volume in the equipment cooling system.

14 The Operations control room crew recognized
15 those indications, and because of those indications,
16 then took the appropriate actions to manually shut down
17 the reactor.

18 So following that, we completed an -- a
19 cause evaluation, and that cause evaluation has
20 identified that it was a human performance error in
21 which a modified procedure contributed to essentially a
22 failure in procedure adherence by our operators. As a
23 result, a valve on that system was inappropriately left
24 open during the post-maintenance testing, which led to
25 the rapid loss of the coolant, which cooled some pretty

1 important equipment.

2 So the cause evaluation not only identified
3 the human performance errors associated with that, but
4 we've also identified short- and long-term corrective
5 actions to be put in place to prevent any repeat
6 occurrence and improve our performance under those
7 evolutions.

8 I'll reiterate that, although we did have a
9 SCRAM event, there were no undesired radiological or
10 industrial (beep on the bridge line interrupted the
11 proceedings) resulting from the event, and even though
12 we did have a loss of generation, which required reports
13 made to the Nuclear Regulatory Commission, the plant did
14 shut down safely, and all plant systems responded as
15 expected during that event. So that's what you want in
16 those unfortunate circumstances.

17 So I have no other events or safety
18 incidents to report with regard to Columbia.

19 Are there any questions?

20 CHAIR LYNCH: Any questions from
21 councilmembers regarding the Columbia Generating
22 Station?

23 None. So just go ahead and proceed to
24 WNP 1/4, Ms. Khounnala.

25 MS. KHOUNNALA: Sure. So I had an

1 additional bring-back with regard to the site injury
2 that I mentioned during our last Council update at
3 WNP 1/4.

4 As you recall, I reported out that we had
5 one employee that received a shock to their index
6 finger, and we had completed a -- an event investigation
7 with Department of Labor & Industries.

8 Not much has happened since I have reported
9 out on that. We provided them with a lot of data and
10 information requests. However, we do have -- we were
11 contacted this week, and we do have a closeout
12 inspection meeting with them planned for tomorrow. So
13 likely I'll have an additional bring-back at the next
14 council meeting once we -- once we learn items from our
15 meeting tomorrow.

16 Moving onto the NEPA and the leasing
17 evolutions at 1/4, we had our -- I guess our kick-off
18 and site -- site visit with the Department of Energy and
19 their contractors today. They have started the scoping
20 documentation and other NEPA-required evolutions, and
21 essentially have kicked off that effort.

22 And as I've mentioned, that NEPA effort is
23 expected to last through the fall, and then we will
24 revisit resigning the lease with the Department of
25 Energy.

1 Any questions on WNP 1/4?

2 CHAIR LYNCH: Any questions on WNP 1/4 for
3 Ms. Khounnala?

4 Thank you very much.

5 MS. KHOUNNALA: Thank you.

6 CHAIR LYNCH: And now we see Mr. Miller has
7 approached the microphone and is going to give us an
8 update on the Chehalis Generation Facility.

9 MR. MILLER: Good afternoon, Chair Lynch,
10 councilmembers. I'm Mark Miller, the plant manager at
11 the PacifiCorp Chehalis Generation Facility. I do have
12 one nonroutine comment to add.

13 During the review of our annual emissions
14 submittal, Clint Lamoreaux of the Southwest Clean Air
15 Agency, EFSEC's contractor, discovered that we had
16 under-reported SO2 emissions for our Chehalis plant for
17 third and fourth quarters of 2014, and the first, second
18 and third quarters of 2015.

19 Our data acquisition and handling system
20 software calculates SO2 emissions with the Part 75
21 equation, D-1H, which uses total sulfur content in the
22 natural gas with the measurement units in
23 grains-per-hundred standard cubic feet.

24 However, when entering the constant -- the
25 sulfur content into the natural -- of the natural gas

1 into our data handling system, the user is prompted to
2 enter the value as a percent sulfur and not as a
3 grains-per-hundred standard cubic feet.

4 During the time period referenced above, the
5 environmental analyst at the Chehalis plant followed the
6 prompt from the DAHS software and entered the total
7 sulfur as percent when it should have been in
8 grains-per-hundred standard cubic feet.

9 Therefore, we under-reported about three
10 times lower in value, and we've engaged with the US EPA
11 to understand how we -- or we're seeking guidance from
12 the EPA on how to resubmit for those quarters and the
13 increase, and also deal with the increased SO2
14 allowances used for the plant.

15 We've also engaged with the software vendor
16 to modify the software programming to reduce or
17 eliminate the possibility of incorrect variable data
18 entry in the future. This happened during a period of
19 changeover of personnel from an old environmental
20 analyst to a new environmental analyst, and it was human
21 error at the end of the day, and kind of institutional
22 knowledge and not -- not a clear procedure on what
23 values to enter into the data software -- handling
24 software.

25 At the end of the day, it increased the tons

1 emitted during those periods by 1.5 tons in 2014 and
2 1.4 tons in 2015. And there'll be a further update
3 provided to EFSEC staff, but I thought I would just
4 bring this to your attention now as we're working
5 through it.

6 CHAIR LYNCH: Mr. Miller, so you indicated
7 this was a reporting error, but it was -- was it a
8 violation in terms of the amount that was -- of the
9 sulfur dioxide that could be emitted from the facility?

10 MR. MILLER: No, absolutely not. This is
11 really only in reference to the total emissions
12 inventory that occurred during these periods, not the
13 time-weighted averages that are emitted during
14 operation.

15 And SO2 allowances are purchased to offset
16 those emissions. And you know, today SO2 allowances are
17 cents per ton versus \$4 or \$500 a ton where they were
18 when scrubbers were being built for coal facilities. So
19 no, the answer is no, there's no violation of the permit
20 conditions, just an under-reporting of emissions.

21 CHAIR LYNCH: And was there any requirement
22 for you to -- is there a need for you to somehow
23 mitigate more for this extra --

24 MR. MILLER: Potentially, if we didn't have
25 enough SO2 allowances on hand in the accounting side of

1 it, we may have to purchase more. I do not believe
2 that's the case because we purchased -- we, I think,
3 currently hold 37 tons for an annual basis on emissions,
4 and I believe our total tons emitted for those
5 three quarters of 2014 are less than four tons. So
6 there's a significant buffer in what we have purchased
7 as far as SO2 allowances versus what we actually emit.
8 I can verify that and, again, provide that to Staff.

9 CHAIR LYNCH: Okay. And you're going to,
10 like you said, provide a report to Staff after --

11 MR. MILLER: Right.

12 CHAIR LYNCH: -- the investigation's
13 complete?

14 MR. MILLER: Correct.

15 CHAIR LYNCH: Any questions for Mr. Miller
16 from councilmembers?

17 Thank you, Mr. Miller.

18 MR. MILLER: Thank you.

19 CHAIR LYNCH: Now, if we could hear from
20 Mr. Valinski about the Grays Harbor Energy Center.
21 Welcome.

22 MR. VALINSKI: Good afternoon, Chair Lynch,
23 Council, EFSEC staff. My name is Pete Valinski. I'm
24 the plant manager at Grays Harbor Energy. You should
25 have our information in your packets.

1 The only addition I have that the Council
2 would be interested in hearing is that we've hired an
3 engineering firm to develop a bid specification for our
4 cooling tower. I've reviewed the draft of that bid spec
5 today, and we should have it out to potential
6 contractors by mid-June.

7 That's all I have.

8 CHAIR LYNCH: Thank you, Mr. Valinski. I'm
9 just going to keep you at the mic an additional moment
10 so I can finish reading the report you provided and
11 allow councilmembers an opportunity to finish them as
12 well.

13 Any questions for Mr. Valinski?

14 No? Thanks for being here today.

15 MR. VALINSKI: Thank you.

16 CHAIR LYNCH: Now if we could hear from
17 Staff, the project update regarding the Tesoro Savage
18 Vancouver Energy Distribution Terminal.

19 We had to have Mr. Posner pinch-hit last
20 month, and it wasn't nearly as good or as exciting as
21 when we had Ms. Bumpus. And I see Ms. Bumpus is back.

22 MS. BUMPUS: That makes sense, yeah.

23 Good afternoon, Chair Lynch and
24 councilmembers. I'm sorry I missed last month's council
25 meeting. I didn't see tears in the transcript, but I'm

1 sure that there were some because of my absence.

2 So just a few updates for you on the Tesoro
3 Savage project. For the SEPA work, the integration of
4 the public comment submissions into the comment
5 management database is complete now. The number of
6 records in the database, it turns out, are closer to
7 260,000 comment submissions in total. I think I said
8 250,000 in previous project updates.

9 With that in mind, any one submission can
10 contain several comments, so the work moving forward
11 is -- and it actually has already begun -- is reviewing
12 each of the submissions and extracting these comments
13 from within those submissions, and then EFSEC and Cardno
14 will coordinate on the development of responses to each
15 of those comments.

16 The SEPA workshops are making progress, and
17 we actually have added some additional workshops into
18 May, two additional ones, but they're going well. And
19 I'll continue to provide you updates on those and the
20 progress we're making there.

21 For -- well, I guess before I move into an
22 update on where we are with permits, are there any
23 questions about the SEPA work?

24 CHAIR LYNCH: Any questions by
25 councilmembers regarding the SEPA work so far?

1 Please proceed.

2 MS. BUMPUS: For the Stormwater NPDES
3 Industrial Permit, a letter was sent to the Applicant on
4 February 19th, and we are pending a response from the
5 Applicant. Once we receive their response to that
6 letter, we will need to coordinate a technical review of
7 the information and -- with our Ecology permit
8 contractor to continue developing that permit. So I'll
9 keep you updated on that, let you know when we receive
10 their response.

11 For the NPDES Stormwater Construction
12 Permit, the Ecology permit contractors and EFSEC are
13 working together to develop the draft permit documents
14 or preliminary draft permit documents. During this
15 work, we may find that we need to request additional
16 information or fine points of clarification from the
17 Applicant, and I'll keep you updated on that as well if
18 we find that we need to go back to them to request some
19 additional information.

20 For the Notice of Construction Air Operating
21 Permit, the Applicant submitted a partial response to
22 EFSEC's letter, dated March 14th, which requested
23 additional technical information that we needed to
24 continue work on the air permit. The remaining
25 information is expected to come in around the end of

1 May, so I'll let you know if we do get that. But even
2 though we don't have all of the responses from the
3 Applicant, our air permit contractors are reviewing the
4 information we do have.

5 CHAIR LYNCH: And my understanding, we're
6 actually getting pretty close to -- "we" meaning people
7 other than me doing the work -- to completing the air
8 permit; is that correct?

9 MS. BUMPUS: Correct. If we find that we
10 have all the information from this review, we'll be able
11 to move forward with preparing draft documents.

12 CHAIR LYNCH: And just for the Council, a
13 reminder what will happen, when we have permits which we
14 think are pretty much ready to go, those will be put out
15 for public comment, and then the Council will be
16 reviewing the public comments and making a tentative
17 determination as to their adequacy. But they aren't
18 actually approved until there's a recommendation to the
19 governor and the whole thing goes up as a package.

20 Any questions for Ms. Bumpus?

21 They must just be glad that you're back, and
22 they don't want to scare you away by asking you too many
23 questions.

24 MS. BUMPUS: I'm sure that's what it is.

25 CHAIR LYNCH: Thank you.

1 And just seeing that we've completed the
2 updates, I just want to let councilmembers know a little
3 bit of what else is going on.

4 Mr. LaSpina and I will be going up tomorrow
5 to meet with EPA regarding our air program, and
6 hopefully we'll get some good news as a result of that.

7 What we're ultimately hoping to have happen
8 is, we submit a State Implementation Plan, or SIP, to
9 them later in the year, and if it's approved, what we
10 hope is, is that EFSEC will then, with the assistance of
11 the Department of Ecology, be able to write our own air
12 permits, which will save a lot of time and effort. And
13 we've got some other efforts underway, but I'm sure
14 we'll be talking about those later.

15 And seeing no further business in front of
16 the Council, we're adjourned. Thank you.

17 (Hearing concluded at 1:56 p.m.)

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19 -o0o-

C E R T I F I C A T E

STATE OF WASHINGTON)
) ss.
COUNTY OF KING)

I, ANITA W. SELF, a Certified Shorthand Reporter
in and for the State of Washington, do hereby certify
that the foregoing transcript is true and accurate to
the best of my knowledge, skill and ability.

IN WITNESS WHEREOF, I have hereunto set my hand
and seal this 26th day of May, 2016.

ANITA W. SELF, RPR, CCR #3032

Kittitas Valley Wind Power Project

Monthly Project Update

May 17, 2016

Project Status Update

April Production Summary:

Power generated:	32,168 MWh
Wind speed:	8.2 m/s or 18.3 mph
Capacity Factor:	45.3%

Safety:

No incidents

Compliance:

Project is in compliance as of May 13, 2016.

Sound:

No complaints

Shadow Flicker:

No complaints

Environmental:

No incidents

The Department of Ecology and EFSEC staff (LaSpina) performed a compliance visit on May 5th. Still waiting for DoE's report but nothing significant was found during the visit.

Wild Horse

Wind Production: Generation totaled 49,311 MWh for an average capacity factor of 25.12%.

Safety: No lost-time accidents or safety injury/illnesses. Site staff received AED/CRP and first aid training.

Compliance/Environmental:

In accordance with the Storm Water Pollution Prevention Plan (SWPPP) bi-annual culvert inspections were completed. Culverts were observed to be in good condition.

In accordance with the Wildlife Incident Reporting and Handling System, site staff received annual training on how to respond to, and document, wildlife incidents found within the facility boundaries.

On May 4th, Ray Latham, Department of Ecology, and Jim LaSpina, EFSEC, conducted an annual stormwater compliance inspection, which included a review of the SWPPP, SPCCP, and site inspection records. The inspection also included a field visit to the substation, solar facility, and maintenance building. Overall the site was observed to be in good condition and is in full compliance with the SCA requirements. Ray provided recommendations for improvements to the SWPPP, which will be implemented by PSE and submitted to Ecology and EFSEC for review before finalizing.

EFSEC Monthly Operational Report

April, 2016

1. Safety and Training

- 1.1. There were no accidents or injuries during the month of April.
- 1.2. Conducted scheduled and required monthly training.
- 1.3. Conducted the scheduled safety committee meeting.

2. Environmental

- 2.1. Submitted the March Discharge Monitor Report (DMR) to WebDMR.
- 2.2. Submitted the 2015 Q1 Emissions Data Report (EDR) EFSEC and EPA.
- 2.3. Submitted additional documents to EPA, at their request, to help with decision on the applicability of 40 CFR 60 Subpart GG vs. KKKK to support Amendment 4 to our PSD.
- 2.4. Notified EFSEC and ORCAA of our annual RATA and stack test scheduled for the week of 8 August.
- 2.5. An engineering firm has been selected to create a bid specification and provide procurement support for the Cooling Tower Replacement Project.

3. Operations & Maintenance

- 3.1. Grays Harbor Energy (GHE) operated 10 days and generated 97,617 MWh during the month of April.
- 3.2. The capacity factor (CF) was 21.9% in April, and 47.7% YTD.
- 3.3. The availability factor (AF) was 53.3% in April, and 88% YTD.
- 3.4. GHE performed the 2016 Spring Maintenance Outage from April 16 through April 29.

4. Noise and/or Odor

- 4.1. There were no complaints made to the site during the month of April.

5. Site Visits

- 5.1. There were no site visits during the month of April.

6. Other

- 6.1. Grays Harbor is staffed with 21 personnel. The Plant Engineer position remains vacant.

Chehalis Generation Facility----Monthly Plant Report – April 2016

Washington Energy Facility Site Evaluation Council

05-13-2016

Safety:

- There were no recordable incidents this reporting period and the plant staff has achieved 4913 days without a Lost Time Accident.

Environment:

- There were no air emissions or stormwater deviations or spills during the month of April 2016.
- Wastewater and Stormwater monitoring results were in compliance with the permit limits for the month of April 2016.

Personnel:

- Authorized plant staffing level is currently 19 with 19 positions filled.

Operations and Maintenance Activities:

- The Plant generated 49,899 MWhrs in March 2016 for a total YTD capacity factor of 18.4%.

Regulatory/Compliance:

- The Washington Department of Labor and Industries conducted the final annual inspection of the Plant's heat recovery steam generators (HRSG's). The inspection found no compliance issues and the annual permits were renewed.

Sound monitoring:

- There were no noise complaints to report.



Carbon Offset Mitigation

- There are no updates on the carbon offset mitigation projects this reporting period.

Respectfully,

A handwritten signature in black ink, appearing to read "M. Miller".

Mark A. Miller
Manager, Gas Plant

**Energy Northwest
EFSEC Council Meeting
May 17, 2016**

I. Columbia Generating Station Operational Status

Columbia is online at 100% power and producing 1128 MWs. The plant has been online for 45 days.

Plant Shutdown Update from April Council Briefing:

As discussed during the April council briefing, on March 28, operators in the Main Control Room were preparing to perform post maintenance testing on a valve. The control room supervisor reviewed and modified sections of the plan to be performed. The plan called for the valve to be opened and then closed. Task Preview and Pre Job Briefs were conducted. When the valve was opened, the control room received indication of low water volume in an equipment cooling system. The Operations control room crew recognized the indications and took the appropriate action to manually shut down the reactor.

There were no undesired radiological or industrial safety aspects resulting from this event. Although there was a loss of generation and required reports made to the Nuclear Regulatory Commission, this event did not challenge the ability of Columbia Generating Station to safely shutdown and all plant systems responded as expected during the transient.

The cause evaluation identified that a human performance error, in which a modified procedure contributed to a failure in procedure adherence by the operators. As a result, a valve on the system was inappropriately left open during a post maintenance test, leading to a rapid loss of coolant to some very expensive equipment. The cause evaluation identified short and long term corrective actions to be put in place to prevent a repeat occurrence and improve personnel performance.

There are no other events, safety incidents, or regulatory issues to report.

II. WNP 1/4 Water Rights

Site Injury

On April 9, 2016, one employee received a shock to their index finger. The employee was transported to a local hospital and observed overnight as a precautionary measure. The individual returned to work the following day, with no restrictions or injuries.

Washington State Department of Labor and Industries (L&I) completed a site inspection on April 13, 2016. All data requests were provided to L&I in April during the site visit.

Additional refresher training was given to the crew immediately following the staff injury.

NEPA/Leasing

The Department of Energy and Energy Northwest have begun work on the NEPA Environmental Assessment (EA) for WNP 1/4. A site visit is planned for Tuesday, May 17, 2016 for additional data collection. The NEPA process is expected to continue through the fall of 2016. Following completion of the EA, a new lease will be signed between EN and the Department of Energy. The new lease will allow for use of the water rights obtained in January 2015.