

**MINUTES**  
**RADIATION MANAGEMENT ADVISORY COUNCIL**  
September 26, 2019  
Tulsa Technology Center-Riverside Campus  
Tulsa, Oklahoma

Official after RMAC Approved  
at September 24, 2020 meeting

**Notice of Public Meeting** – The Radiation Management Advisory Council convened for a Regular Meeting at 10:00 a.m. on September 26, 2019, at the Tulsa Technology Center-Riverside Campus, 801 East 91<sup>st</sup> Street, Tulsa, Oklahoma. The meeting was held in accordance with the Open Meeting Act, with notice of the meeting given to the Secretary of State on October 11, 2018. The Agenda was duly posted at the facility and at the DEQ twenty-four hours prior to the meeting. Mr. George MacDurmon, Chair, called the meeting to order. Ms. Quiana Fields called roll and a quorum was confirmed.

**MEMBERS PRESENT**

Wayne Conway  
Shawn Heldebrandt  
Jeffrey Lux  
Chad Mashburn  
Charles Shepherd  
George MacDurmon

**MEMBERS ABSENT**

Chris Honigsberg  
Karen Jennings

**DEQ STAFF PRESENT**

Mike Broderick  
Kole Kennedy  
Keisha Cornelius  
Michael Reid  
Bruce Adams  
Cristi Andrews  
Kelly Dixon  
Michelle Wynn  
Mike Stickney  
Quiana Fields

**OTHERS PRESENT**

Brenda Plumbtree, Court Reporter

**Approval of Minutes** – Mr. MacDurmon called for a motion to approve the Minutes of the March 28, 2019 Regular Meeting. Mr. Lux stated that there is an error on the transcript that needs to be changed regarding, “counter wigs instead it should be counter weights,” so contingent upon that change Mr. Lux made the motion to approve and Mr. Mashburn made the second.

*See transcript pages 4 - 5*

Wayne Conway	Yes	Chad Mashburn	Yes
Shawn Heldebrandt	Yes	Charles Shepherd	Yes
Jeffrey Lux	Yes	George MacDurmon	Yes

**Introduction of members of the staff present** – Mr. Broderick introduced himself and had the DEQ staff introduce themselves as well.

*See transcript pages 5 - 7*

**Introduction of members of public present** – The members of the public introduced themselves: Casey Schmitz, Johnnie Johnson and Brett Driscoll.

*See transcript page 7*

**Directors Report** – Ms. Kelly Dixon, Division Director of the LPD, provided an update on Division and agency activities underway.

*See transcript pages 8 - 16*

**Section Activities and Events** – Mr. Broderick provided an overview of several activities and events occurring within the Radiation Section.

*See transcript pages 16 - 20*

**Report by the Chair on Matters of Interest - None**

**Proposed Changes to Chapter 410** – Mr. Broderick stated that the Department is proposing to amend OAC 252:410 in response to changes recommended by the Nuclear Regulatory Commission (NRC) during a routine audit of the Radiation Management Program and to update the medical rules to maintain required compatibility with changes to federal rules. The proposed changes are necessary to bring the Oklahoma rules fully into compatibility with the federal rules. The gist of this rulemaking is to maintain compatibility with federal regulations. Hearing no comments by the Council or by the public, Mr. MacDurmon called for motion. Mr. Lux moved to approve and Mr. Mashburn made the second.

*See transcript pages 20 - 23*

Wayne Conway	Yes	Chad Mashburn	Yes
Shawn Heldebrandt	Yes	Charles Shepherd	Yes
Jeffrey Lux	Yes	George MacDurmon	Yes

**Suggested Meeting Dates for 2020 Council Meetings** – Mr. Broderick stated each year at this time, the Council sets meeting dates and locations for the next calendar year. The dates proposed are March 26 in OKC and September 24 in Tulsa. Following a brief discussion, Mr. MacDurmon called for a motion to approve the 2020 Council dates. Mr. Mashburn made a motion and Mr. Conway made the second.

*See transcript pages 23 - 26*

Wayne Conway	Yes	Chad Mashburn	Yes
Shawn Heldebrandt	Yes	Charles Shepherd	Yes
Jeffrey Lux	Yes	George MacDurmon	Yes

**New Business – None**

**Announcements – None**

**Adjournment** – Mr. MacDurmon called for a motion to adjourn. Mr. Lux moved to adjourn and Mr. Mashburn made the second. Meeting adjourned at 10:30 a.m.

*See transcript pages 26 - 27*

Wayne Conway	Yes	Chad Mashburn	Yes
Shawn Heldebrandt	Yes	Charles Shepherd	Yes
Jeffrey Lux	Yes	George MacDurmon	Yes

**Transcript and Attendance Sheet are attached as an official part of these Minutes.**

DEPARTMENT OF ENVIRONMENTAL QUALITY  
THE RADIATION MANAGEMENT ADVISORY COUNCIL

SEPTEMBER 26, 2019 at 10:00 A.M.

TULSA TECHNOLOGY CENTER RIVERSIDE  
801 EAST 91ST STREET  
TULSA, OKLAHOMA 74132

REPORTED BY: BRENDA PLUMBTREE, C.S.R.

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1  
2 COUNCIL MEMBERS PRESENT  
3 Mr. George MacDurmon - Chair  
4 Mr. Wayne Conway  
5 Mr. Shawn Heldebrandt  
6 Mr. Jeffrey Lux  
7 Mr. Chad Mashburn  
8 Mr. Charles Shepherd  
9  
10 OTHERS PRESENT  
11 Mr. Mike Broderick  
12 Ms. Quiana Fields  
13 Ms. Kelly Dixon  
14 Mr. Kole Kennedy  
15 Ms. Cristi Andrews - Attorney  
16 Ms. Keisha Cornelius  
17 Mr. Bruce Adams  
18 Mr. Mike Stickney  
19 Ms. Michelle Wynn  
20  
21 ABSENT COUNCIL MEMBERS  
22  
23 Dr. Karen Jennings  
24 Mr. Chris Hoingsberg  
25

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1 MR. MacDURMON: Well, good morning. This  
2 September 26th, 2019 public meeting of the Radiation  
3 Management Advisory Council was called in accordance  
4 with the Open Meeting Act.  
5 Notice for this meeting was filed with the  
6 Secretary of State on October 11th, 2018. The  
7 agenda was duly posted 24 hours prior to the meeting  
8 at this facility and at the DEQ.  
9 Only matters appearing on the posted agenda may  
10 be considered at this regular meeting. In the event  
11 that this meeting is continued or reconvened public  
12 notice of the date, time, and place of the continued  
13 meeting will be given by announcement at this  
14 meeting. Only matters appearing on the agenda of a  
15 meeting that is continued may be discussed at the  
16 continuing or reconvened meeting.  
17 Can we have a roll call, Ms. Fields?  
18 MS. FIELDS: Mr. Conway. Mr. Conway.  
19 MR. CONWAY: Present. Sorry.  
20 MS. FIELDS: Mr. Heldebrandt.  
21 MR. HELDEBRANDT: Present.  
22 MS. FIELDS: Mr. Hoingsberg is absent.  
23 Dr. Jennings is absent. Mr. Lux.  
24 MR. LUX: Here.  
25 MS. FIELDS: Mr. Mashburn.

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1 MR. MASHBURN: Present.  
2 MS. FIELDS: Mr. Shepherd.  
3 MR. SHEPHERD: Here.  
4 MS. FIELDS: Mr. MacDurmon.  
5 MR. MacDURMON: Here.  
6 MS. FIELDS: We have a quorum.  
7 MR. MacDURMON: Thank you. The next thing  
8 on the agenda is the approval of the March 28th,  
9 2019 meeting minutes. Do I have a motion to  
10 approve?  
11 MR. LUX: I'd like to comment on the  
12 minutes.  
13 MR. MacDURMON: Okay.  
14 MR. LUX: On Page 16 of the meeting minutes  
15 there is a reference to the fact that the DEQ is  
16 going to regulate counter wigs. And I think that  
17 word wigs should be weights.  
18 MR. BRODERICK: It actually is counter  
19 weights.  
20 MR. LUX: It is --  
21 MR. BRODERICK: It is counter weights.  
22 MR. MacDURMON: No, he said that's not what  
23 it says though.  
24 MR. BRODERICK: Oh.  
25 MR. LUX: The minutes say wigs. And so I

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1 said that should be weights.  
2 MR. BRODERICK: Counter wigs, yes.  
3 MR. MacDURMON: Are there any other  
4 comments about the minutes? Well, contingent upon  
5 that change, can I hear a motion to approve them?  
6 MR. LUX: I move to approve the minutes.  
7 MR. MacDURMON: Is there a second?  
8 MR. MASHBURN: Second.  
9 MR. MacDURMON: Ms. Fields.  
10 MS. FIELDS: Mr. Conway.  
11 MR. CONWAY: Aye.  
12 MS. FIELDS: Mr. Heldebrandt.  
13 MR. HELDEBRANDT: Yes.  
14 MS. FIELDS: Mr. Lux.  
15 MR. LUX: Yes.  
16 MS. FIELDS: Mr. Mashburn.  
17 MR. MASHBURN: Yes.  
18 MS. FIELDS: Mr. Shepherd.  
19 MR. SHEPHERD: Yes.  
20 MS. FIELDS: Mr. MacDurmon.  
21 MR. MacDURMON: Yes.  
22 MS. FIELDS: Motion passed.  
23 MR. BRODERICK: For the members of the  
24 staff present I'm Mike Broderick. I'm the manager  
25 of the Radiation Section at DEQ. Most of you know

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1 me.  
2 We have one new staff member here that I  
3 particularly want to draw your attention to.  
4 Sitting in the back, in the back row, Bruce Adams.  
5 He is our new administrative assistant.  
6 And sometimes I have said that the  
7 administrative assistant is the most important  
8 person in Radiation Management, because all the  
9 paper that you submit passes through him. And he's  
10 responsible for managing it and making sure it gets  
11 filed so we can retrieve it. So he's a VIP. And if  
12 you're a licensee or a permittee and deal with us,  
13 then Bruce is somebody you should be aware of.  
14 For the other staff members I'm going to ask --  
15 I think we can start with Keisha, if we would  
16 introduce ourselves.  
17 MS. CORNELIUS: Keisha Cornelius, DEQ  
18 Radiation Management.  
19 MR. REID: Michael Reid, DEQ Radiation  
20 Management.  
21 MR. KENNEDY: Kole Kennedy, Tire Recycling  
22 Program with the DEQ and rules liaison for Land  
23 Protection.  
24 MR. DRISCOLL: Brett Driscoll, American  
25 Airlines Level III.

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1 MS. DIXON: Good morning. Thank you guys  
2 for indulging me. I try to come to our councils at  
3 least once a year to give you guys updates on things  
4 that are going on outside of just your narrow scope,  
5 so more broad about the agency and our division.  
6 So I'm going to start with some of -- one of our  
7 initiatives which is a strategic plan that the  
8 agency kicked off. As a regulated entity you  
9 probably received a survey from us a couple years  
10 ago. We surveyed the public, we surveyed regulated  
11 communities to get some input about where we could  
12 improve our services as an agency.  
13 And out of that became the strategic plan. And  
14 I think we're in the second year of that. And one  
15 thing that I wanted to highlight to you guys is one  
16 of the things that we're working on is improving our  
17 permit timeliness. We have a goal to reduce the  
18 permit timelines by 25 percent.  
19 I can't remember in how many years, but that's a  
20 goal. And our chief engineers in all of our  
21 divisions are working on this initiative. So I  
22 think that's an important goal to have as an agency  
23 that has to deal with people who are engaged in  
24 business.  
25 Another thing that's kind of exciting is we

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1 MR. BRODERICK: He's actually a member of  
2 the public, but anyway. Michael.  
3 MR. STICKNEY: Mike Stickney, Hazardous  
4 Waste and Radiation Management.  
5 MS. ANDREWS: Cristi Andrews, I'm an  
6 attorney for Radiation.  
7 MS. DIXON: Kelly Dixon, Division Director  
8 for Land Protection Division.  
9 MS. FIELDS: Quiana Fields, Board and  
10 Council secretary.  
11 MR. BRODERICK: If it's okay, I'll move on  
12 in to the members of the public. Again, back in the  
13 back we've got Johnnie, if you would introduce  
14 yourself and move forward from there.  
15 MS. JOHNSON: I'm Johnnie Johnson I'm with  
16 the Yaffe Companies, corporate location in Muskogee.  
17 MS. SCHMITZ: I'm Casey Schmitz, I'm the  
18 assistant radiation safety officer for OU.  
19 MS. WYNN: Michelle Wynn, the legislative  
20 liaison for DEQ.  
21 MR. BRODERICK: And the gentleman from  
22 American Airlines, you already introduced yourself.  
23 MR. DRISCOLL: Yes.  
24 MR. MacDURMON: Okay. Next on the agenda  
25 is the Director's Report.

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1 launched a new web page in July. And if you haven't  
2 seen it, it's a great improvement to our web page we  
3 had before. It's much more user friendly. So I  
4 would encourage you to check it out, take a look.  
5 We also have what we call a DEQ legislative  
6 dashboard. And it has all of our regulated  
7 facilities and entities segregated by legislative  
8 district. So you can go look at it that way. And  
9 there's some story maps that tell some good stories  
10 about projects and things that divisions are doing.  
11 So it's very, very informative. That's on our web  
12 page, that's where you can you find that.  
13 I wanted to give you some budget information.  
14 This past year we were impacted by -- our budget was  
15 impacted by legislation. We had a 21 percent  
16 increase in our appropriations. And that increase  
17 was to pay for laboratory equipment, rural water  
18 programs and employee pay raises.  
19 I think what's notable for this group is the  
20 employee pay raises, the appropriated dollars went  
21 to our programs that have -- that use appropriated  
22 money. In our division we relied solely on fees and  
23 federal grants. So we had to absorb the pay raises  
24 within our fee structure in our division.  
25 They also, the legislature also swept \$6 million

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1 out of our revolving fund. This is I think the  
2 third or fourth time this has happened. The impact  
3 of that we are going to watch really closely this  
4 year. We don't think it's going to have an impact  
5 in 2020. I think -- what we're really thinking is  
6 the bigger impact is going to be in 2021. But it's  
7 going to affect mostly our ability to do our  
8 projects. As a division we do a lot of cleanup  
9 projects. So we're going to have to watch that  
10 closely as the year goes on and make adjustments.  
11 And then some notable legislation that you may  
12 or may not have heard about. There were several  
13 bills that require state agencies to have more  
14 transparency. And so what that does, effectively  
15 does to us is increases our reporting burden to the  
16 legislature. So, we're just going to have to deal  
17 with that.  
18 There's also a Privileged Audit Act. I don't  
19 know if you've heard of this one. But it could  
20 affect the regulated community in the radiation  
21 world. So it's a bill that was fashioned after a  
22 law that's been on the books in Texas for over  
23 20 years. And it's been real successful. And the  
24 idea is, is that companies can give us a notice of  
25 intent to do a self audit. And they can do a self

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1 working really closely with a lot of communities.  
2 They've been using drone technology to do water  
3 audit inspections, which is kind of cool. And it's  
4 been very popular because of the ability to identify  
5 problems where you can save water and save money.  
6 So that's going to continue.  
7 We also -- are any of you guys Facebook  
8 followers of DEQ? So, I'm going to challenge you to  
9 do that. It's kind of fun. We have somebody in our  
10 laboratory who started doing Science in 60 Seconds.  
11 It's kind of a little public outreach thing. And  
12 it's really informative and engaging. And I think  
13 it's targeted to kids, but it's fun and it's a  
14 really neat thing to see.  
15 And then our own Kole Kennedy right here is  
16 doing a carpool karaoke with Air Quality Division.  
17 That's also on our Facebook. And it's  
18 conversations -- it's not carpool, it's  
19 conversations.  
20 MR. KENNEDY: Yeah, conversations.  
21 MS. DIXON: And it's fun. It's sort of to  
22 increase awareness about air quality issues. And  
23 then also just get to know people that work in DEQ.  
24 So I think they're maybe two to three-minute videos.  
25 They're kind of fun.

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1 audit and have immunity from penalties and keep  
2 their information in that audit report privileged  
3 from third parties.  
4 So right now we're working on a guidance  
5 document to how that's going to be implemented.  
6 There's not going to be any rules for that one.  
7 It's just going to be implemented through guidance.  
8 It's effective in November. I think the whole  
9 impetus behind the bill is that it -- the notion is  
10 that it increases compliance. Because when you do a  
11 self audit, you're going to go deeper and find more.  
12 And you can return to compliance earlier than if --  
13 than an inspection, than we find in inspection. So  
14 that's the whole theory behind the act. So we'll  
15 see how that plays out. And I think once that  
16 guidance document is available, it will probably be  
17 on our web page.  
18 And then I also wanted to share some information  
19 about projects that the agency is engaged in. The  
20 most notable one that's making an impact is our  
21 water quality division is doing water loss audits  
22 with public water supplies. And what they're  
23 finding is a lot of water supplies have water losses  
24 through leaks. And that costs them a lot of money.  
25 And it also costs them water. And so they've been

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1 Air Quality also is administering a VW  
2 settlement account. If you remember back in 2016  
3 VW -- there was a federal claim against VW for  
4 cheating on -- using computer software to cheat on  
5 its vehicles to not correctly gauge their emissions.  
6 So there's a big settlement. DEQ Air Quality is  
7 administering Oklahoma's portion of that settlement.  
8 And right now what they've done, they're still  
9 giving out grants for school bus conversions to  
10 alternate fuel and also for electric charging  
11 stations. And I think it's going to be a multi-year  
12 project. They're giving us money in different  
13 multiple years.  
14 And then our own Land Protection Division, we  
15 have a superfund site that was completed a couple  
16 years ago in Collinsville, sort of in this area.  
17 The Tulsa Fuel and Manufacturing site. It was  
18 smelter site. It was heavily contaminated with  
19 smelter debris. All that smelter debris was  
20 consolidated and capped.  
21 But the cool thing about this story is that, and  
22 you might have seen this on the news. Is that once  
23 the cap was vegetated and the site was vegetated  
24 there was a local bee keeper who saw this potential  
25 on this property because it was full of clover and

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1 really beautiful grass. He negotiated a deal and  
2 put some bee hives on this property. And so they're  
3 reusing the superfund site for production of honey,  
4 which is kind of neat.

5 There's another smelter site in Henryetta that  
6 was cleaned up years and years ago, that was ready  
7 for redevelopment, but there were no takers. And  
8 just last year a regional healthcare authority went  
9 in on that site. And they had to work with us to  
10 make sure that they were putting in the utilities  
11 safely, because that was another one where the  
12 material was capped on site.

13 And then I don't know if you guys know, we have  
14 several -- five different cleanup programs in our  
15 division. And I did a count looking at what was the  
16 impact of those cleanup programs. And one of the  
17 things that stuck out to me was that we had at least  
18 14 contaminated properties -- formerly contaminated  
19 properties that are now concert venues across the  
20 state. I think one of them is here, The Guthrie  
21 Green in Tulsa, Wheeler Park in Oklahoma City. So  
22 it's kind of an interesting reuse of formerly  
23 contaminated properties.

24 Tar Creek superfund site up in the northeastern  
25 corner of the state has been a superfund site since

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1 and our tire program.

2 And then I have one last thing I wanted to brief  
3 you about, which is another legislative thing. I'm  
4 going to read this. It's a prepared statement.  
5 It's a, "We wanted to bring your attention to a bill  
6 that was passed during the 2019 legislative session,  
7 Senate Bill 1027 sunsets the Radiation Management  
8 Advisory Council July 1st, 2020. This is obviously  
9 not something the DEQ asked for and we are  
10 developing more information to educate legislators  
11 about the value of our councils and about the  
12 transparency and expertise you provide to the rule  
13 making process."

14 "As that information gets developed we will  
15 share it with you and ask that you help educate  
16 others. We are optimistic that this will be  
17 corrected and we will keep you informed."

18 So, if you guys have questions about anything  
19 I've talked about today, I'm willing to entertain  
20 them.

21 MR. MacDURMON: Any questions? Well, thank  
22 you very much for your report.

23 MS. DIXON: Thank you.

24 MR. MacDURMON: The next item on the agenda  
25 is for section activities and events.

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1 1980. It was a hard rock mining property, hard rock  
2 mining district that covered Oklahoma, Kansas and  
3 Missouri. And there's been a lot of work that's  
4 happened since then. We've cleaned up yards. We've  
5 got people out of harm's way.

6 Some of the most exciting things that are going  
7 on are passive treatment wetland systems that OU has  
8 been putting in to treat the contaminated water.  
9 It's knocking all the metals out and cleaning up --  
10 improving the water quality up there.

11 And we're also working for the first time, it  
12 was a first in the nation, we're working with a  
13 tribal government. We're actually contracting with  
14 them to do work at the site on our behalf. We get  
15 federal money from EPA and we contract with the  
16 Quapaw Nation. We're making a lot of progress.

17 And one other notable project in our division is  
18 our efforts to find end users and end markets for  
19 used tires. So we have a demonstration project  
20 going on with the State Technology Innovation  
21 Council to use ground tire rubber in a roadway  
22 application. And so that's -- that's been laid out.  
23 And I think they're testing it now to see its  
24 efficacy. And that's a market that would be a  
25 really good use of the used tires that are collected

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1 Mr. Broderick.

2 MR. BRODERICK: We're continuing our  
3 regular activities. Most of those I don't bring up  
4 here, but there's one that I cannot resist  
5 mentioning. We actually had an event in Oklahoma  
6 make CNN, the national news, you may have seen.

7 In July the Guthrie Police Department made a  
8 traffic stop of a car with an expired license plate.  
9 And when they checked they found the vehicle was  
10 discovered to be stolen. The passengers had with  
11 them a pistol, an open bottle of whiskey, a live  
12 rattlesnake and a small sample of uranium.

13 Law enforcement confiscated the uranium and  
14 requested that the DEQ take custody of it, which we  
15 did. And we shipped it off to a place where it will  
16 be recycled.

17 I've been in this job since 1994 and  
18 occasionally I start thinking that I've seen it all.  
19 But then something comes along that proves me wrong.

20 Anyway, moving on. DEQ, we are a regulatory  
21 agency, of course. But we also provide notices --  
22 or pardon me, we provide services that are critical  
23 to some of the radiation community. One of the  
24 services we provide, it's been discussed here, the  
25 certification of industrial radiographers. We're

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1 one of only seven states that do this.  
2 And as we've discussed before in the meetings,  
3 industrial radiography is using radiation to check  
4 for flaws in material. And it's critical for the  
5 oil and gas industry where pipeline wells are  
6 required to be tested for weakness. And also  
7 critical for the aviation industry.  
8 So, anyway, but the lead radiographer and a team  
9 of industrial radiographers is required to be  
10 certified and be administered the certification test  
11 as a service.  
12 We have been using a very traditional system of  
13 registering for the test with mailed applications  
14 and paper records of the applications and training  
15 documentation. We are starting to work with our IT  
16 staff to develop a system for on-line registration  
17 and document submission. This will make processing  
18 applications faster and more accurate. So we're  
19 excited about that.  
20 One other thing, if you notice for the council  
21 members, you have your notebooks. And in the back  
22 of the notebooks there's an information -- there are  
23 two information notices from the NRC. And there are  
24 copies over on the table for anyone else who is  
25 interested. They're both probably only of interest

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1 MR. MacDURMON: Thank you Mr. Broderick.  
2 Agenda Item No. 8 is a report from anything that  
3 I have, but I don't have anything to report today.  
4 So moving on to No. 9, Proposed Changes to  
5 Chapter 410 of the Regulations.  
6 MR. BRODERICK: We have two rulemakings  
7 before the council today. And you've been briefed  
8 on them before. So I'm going to try and keep this  
9 short.  
10 We have amendments to our medical rules, in our  
11 medical rules we adopt NRC's 10 CFR Part 35 by  
12 reference. And we've adopted these in the Oklahoma  
13 Rules, it's Subchapter 10, Part 35.  
14 The NRC has updated those rules, the medical  
15 rules. And we are required to update our rules to  
16 remain compatible with the federal rules. And  
17 Keisha is going to give a short reminder briefing on  
18 exactly what changes these make.  
19 MS. CORNELIUS: The 10 CFR 35 medical use  
20 of byproduct material was effective for NRC  
21 licensees in January of 2019. There were several  
22 major revisions. One of them was the ability to add  
23 an associate radiation safety officer to be named on  
24 the license. You -- there's the ability to add an  
25 ophthalmic physicist to be named on the license.

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1 to medical users.  
2 One of them is a very specific -- deals with  
3 problems with a very specific medical treatment.  
4 But the other is general and talks about ways of  
5 preventing medical events. We'll be mailing those  
6 to all of our medical licensees, which is the people  
7 that it should be of interest to. But we have  
8 copies here if you're interested.  
9 The last thing I have, occasionally you've heard  
10 us mention in these meetings the Organization of  
11 Agreement States or OAS. It's one of two national  
12 organizations of radiation regulators.  
13 Now at the August OAS meeting Keisha Cornelius  
14 was elected to be the secretary and be on the board  
15 of the OAS. She'll serve a three-year term. And  
16 that's quite an honor. This is really important.  
17 And I'm glad that our staff is getting involved in  
18 these national organizations.  
19 I was on the OAS board several years ago. And I  
20 felt like I contributed something and it was very  
21 useful and rewarding. I'm really proud to see  
22 Keisha picking up the torch on that.  
23 The OAS has some serious input in NRC rule  
24 making. And this is a way that DEQ can have some  
25 real national impact. That completes my report.

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1 There are revised attestation requirements for board  
2 certified individuals. And also allows residency  
3 program directors to sign attestation statements  
4 when they're needed.  
5 Revised training and experience requirements for  
6 authorized users, RSOs and authorized nuclear  
7 pharmacists. Added Molybdenum contamination  
8 measurements for each elution, and reporting  
9 requirements for failed technetium and Rubidium  
10 generators.  
11 MR. BRODERICK: There's a second rulemaking  
12 change that we ask the Council recommend to the  
13 board. You may have a sense of deja vu on this one.  
14 During the NRC comprehensive review of our program  
15 about a year go, they identified an error in rules  
16 we had already adopted, where we failed to adopt one  
17 small piece of the federal rule. It's regarding the  
18 uranium counter wigs or counter weights that Jeff  
19 mentioned.  
20 The Council was briefed on this during the  
21 meeting last March. And they recommended that the  
22 Environmental Quality Board adopt the rule. During  
23 the preparation to send the rule to the Board, it  
24 was discovered that when we were going through the  
25 review process to prepare this rulemaking, we had



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1 inadvertently skipped a step in internal review  
2 before sending it to the council last March.  
3 We want to make absolutely sure that our rules  
4 have been adopted in a valid way. So Radiation was  
5 asked to go through the process again and send this  
6 back to the Council. And ask that you again  
7 recommend the rule. Now we have had the proper  
8 reviews.  
9 So we're asking that the Council again recommend  
10 this rule to the Board. If the Council recommends  
11 these rules, these two changes, both amendments will  
12 be presented to the Board for consideration at a  
13 meeting November 8th in Woodward, Oklahoma.  
14 That concludes my briefing. I think the next is  
15 questions and discussion by the Council.  
16 MR. MacDURMON: Anybody have any questions  
17 for Mr. Broderick?  
18 MR. BRODERICK: Is there any questions or  
19 comments or discussion by members of the public?  
20 Then I'll turn it over to George for possible action  
21 by the Council. We would request that you recommend  
22 that the Board adopt these rules.  
23 MR. MacDURMON: So can I hear a motion to  
24 approve the adoption of these rules?  
25 MR. LUX: I move that we approve the

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1 continue to exist for this.  
2 But for the first one March 26 -- I would  
3 suggest a date of either March 26th or April 2nd for  
4 the first one. And that will be in Oklahoma City at  
5 the DEQ office. I put two dates just in case  
6 somebody had a problem -- a council member had a  
7 problem with one. Either of those would be fine  
8 with us. March 26th or April 2nd.  
9 MR. MacDURMON: What days of the week are  
10 those?  
11 MR. BRODERICK: They should be Thursday.  
12 My understanding is that you want Thursday, and I  
13 kept that.  
14 MR. MacDURMON: I'm okay with either one.  
15 MR. BRODERICK: Somebody want to pick one?  
16 MR. MacDURMON: March 26th.  
17 MR. BRODERICK: So we'll have a vote on it  
18 in a minute. But at least tentatively March 26th in  
19 Oklahoma City we'll have a meeting. And for the  
20 second one I would suggest either September 24th or  
21 October 1st to have the meeting, probably be in this  
22 room or at least in this building in Tulsa.  
23 MR. MacDURMON: Contingent upon --  
24 MR. BRODERICK: That's contingent upon --  
25 MR. MacDURMON: -- the fact that we exist.

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1 adoption of the rules.  
2 MR. MacDURMON: Is there a second?  
3 MR. MASHBURN: I second.  
4 MR. MacDURMON: Ms. Fields.  
5 MS. FIELDS: Mr. Conway.  
6 MR. CONWAY: Yes.  
7 MS. FIELDS: Mr. Heldebrandt.  
8 MR. HELDEBRANDT: Yes.  
9 MS. FIELDS: Mr. Lux.  
10 MR. LUX: Yes.  
11 MS. FIELDS: Mr. Mashburn.  
12 MR. MASHBURN: Yes.  
13 MS. FIELDS: Mr. Shepherd.  
14 MR. SHEPHERD: Yes.  
15 MS. FIELDS: Mr. MacDurmon.  
16 MR. MacDURMON: Yes.  
17 MS. FIELDS: Motion passed.  
18 MR. MacDURMON: Okay. Mr. Broderick, I'll  
19 turn this over to you for suggested meeting dates  
20 for 2020 meetings.  
21 MR. BRODERICK: We propose to have -- to  
22 set two meeting dates if the Council is okay with  
23 that, for next year. We'll definitely have the  
24 first one. The second one will be on an as-needed  
25 basis. And we're assuming that the Council will

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1 MR. BRODERICK: Well, two things. First if  
2 we need it. If we get our business taken care of at  
3 the March meeting we won't have the second one. And  
4 second that the Council isn't sunsetted.  
5 MR. MacDURMON: That's a nice term for it.  
6 MR. LUX: What does the legislation  
7 currently set as a date for sunset?  
8 MS. DIXON: July 1.  
9 MR. MacDURMON: So which dates did you --  
10 MR. BRODERICK: September 24 or  
11 October 1st.  
12 MR. MacDURMON: Would everyone be okay with  
13 September 24th?  
14 MR. LUX: I believe so.  
15 MR. MacDURMON: Okay. September 24th.  
16 MR. BRODERICK: Okay.  
17 MR. MacDURMON: Do we need a motion to  
18 those dates? So can I have a motion to approve  
19 those two meeting dates?  
20 MR. MASHBURN: I move to approve.  
21 MR. MacDURMON: Second.  
22 MR. CONWAY: Second.  
23 MR. MacDURMON: Ms. Fields.  
24 MS. FIELDS: Mr. Conway.  
25 MR. CONWAY: Yes.

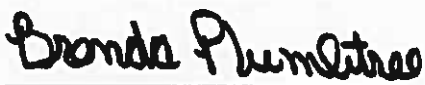
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1 MS. FIELDS: Mr. Heldebrandt.  
2 MR. HELDEBRANDT: Yes.  
3 MS. FIELDS: Mr. Lux.  
4 MR. LUX: Yes.  
5 MS. FIELDS: Mr. Mashburn.  
6 MR. MASHBURN: Yes.  
7 MS. FIELDS: Mr. Shepherd.  
8 MR. SHEPHERD: Yes.  
9 MS. FIELDS: Mr. MacDurmon.  
10 MR. MacDURMON: Yes.  
11 MS. FIELDS: Motion passed.  
12 MR. MacDURMON: Thank you. Is there any  
13 new business that any member of the Council wants to  
14 bring up? Okay. Hearing none, do we need a motion  
15 to adjourn?  
16 MS. FIELDS: Yes.  
17 MR. MacDURMON: Do I hear a motion to  
18 adjourn the meeting?  
19 MR. LUX: I so move.  
20 MR. MacDURMON: Second.  
21 MR. MASHBURN: Second.  
22 MR. MacDURMON: Ms. Fields.  
23 MS. FIELDS: Mr. Conway.  
24 MR. CONWAY: Yes.  
25 MS. FIELDS: Mr. Heldebrandt.

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1 MR. HELDEBRANDT: Yes.  
2 MS. FIELDS: Mr. Lux.  
3 MR. LUX: Yes.  
4 MS. FIELDS: Mr. Mashburn.  
5 MR. MASHBURN: Yes.  
6 MS. FIELDS: Mr. Shepherd.  
7 MR. SHEPHERD: Yes.  
8 MS. FIELDS: Mr. MacDurmon.  
9 MR. MacDURMON: Yes.  
10 MS. FIELDS: Motion passed.  
11 MR. MacDURMON: Meeting is adjourned.  
12 (Meeting adjourned)  
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1 CERTIFICATE  
2 STATE OF OKLAHOMA )  
3 ) SS:  
4 OKLAHOMA COUNTY )  
5 I, Brenda Plumbtree, Certified Shorthand  
6 Reporter within and for the State of Oklahoma, do  
7 hereby certify that the above-named Radiation  
8 Management Advisory Council was by me taken in  
9 shorthand and thereafter transcribed; that the same  
10 is true and correct; and that it was taken on the  
11 26th day of September, 2019 at the time of  
12 10:00 A.M. in the City of Tulsa, County of Tulsa,  
13 State of Oklahoma, and that I am not attorney for or  
14 relative of any of said parties or otherwise  
15 interested in the event of said action.  
16 IN WITNESS WHEREOF, I have hereunto set my hand  
17 and official seal this 2nd day of October, 2019.  
18  
19   
20 BRENDA PLUMBTREE, CSR  
21 Oklahoma Certified Shorthand Reporter  
22 Certificate No. 01434  
23 Expires: December 31, 2019  
24  
25



# RADIATION MANAGEMENT ADVISORY COUNCIL

Attendance Record  
September 26, 2019  
Tulsa, Oklahoma

**CHECK BOX TO COMMENT**

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