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BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION

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IN THE MATTER OF: : Docket Number
MAGNOLIA LIQUEFIED NATURAL GAS PROJECT: PF13-9-000
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Historic Cash & Carry Building
801 Enterprise Boulevard
Lake Charles, Louisiana 70601
6:19 p.m.

Thursday, July 11, 2013

The above-entitled matter came on for scoping meeting,
pursuant to notice, at 6:19 p.m., Robert Kopka moderator.

1 P R O C E E D I N G

2 MR. KOPKA: Good evening. On behalf of the Federal
3 Energy Regulatory Commission, referred to as the FERC or
4 F-E-R-C, I would like to welcome all of you tonight. Can
5 folks here me okay? Okay.

6 Just to start off, I'd just like to let you know in
7 case there is an emergency, the exits are in the back where
8 everybody came in. There is also one here to my right.
9 Rest rooms are here in the front to the left. And the two -
10 - well two exit signs in the front aren't exits, so please
11 exit to the rear of the building as we're facing.

12 This is an environmental scoping meeting for the
13 Magnolia LNG Project proposed by Magnolia LNG, LLC. Let the
14 record show that the Public Scoping Meeting in Lake Charles,
15 LA began at 6:19 pm on July 11.

16 The primary purpose of this meeting is to provide
17 you an opportunity to comment on the project or on the scope
18 of the environmental analysis being prepared for the
19 Magnolia LNG Project.

20 My name is Bob Kopka, and I am an environmental
21 Project Manager with the Commission's Office of Energy
22 Projects. Also with us tonight we have Lieutenant William
23 Fediw with the U.S. Coast Guard.

24 At the entrance to the room, we have Elizabeth
25 Dolezal and with me up front is Janelle Rieland. Both

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1 Elizabeth and Janelle are with Natural Resource Group, an
2 environmental consulting firm working as a third-party
3 contractor in assisting us with preparing the environmental
4 impact statement or E-I-S for the project. Also up front we
5 have Bill Lowry with the U.S. Department of Transportation.

6 FERC is an independent agency that regulates the
7 interstate transmission of electricity, hydropower, natural
8 gas, and oil. On the gas side, FERC reviews proposals and
9 authorizes construction of interstate natural gas pipelines,
10 storage facilities, and liquefied natural gas (LNG)
11 terminals.

12 LNG is methane that is converted from its gaseous
13 state to a liquid state by cooling it to -260 degrees
14 Fahrenheit, which reduces its volume and facilitates its
15 storage and transport by ship or truck.

16 As a federal licensing agency, the FERC has the
17 responsibility under the Environmental Policy Act to
18 consider the potential environmental impact associated with
19 a natural gas project, which is under its consideration.

20 With regard to Magnolia's Project, the FERC is the
21 lead federal agency for the Environmental Policy Act review
22 and the preparation of the EIS. The U.S. Coast Guard, is a
23 cooperating agency at this point. Other agencies are likely
24 to cooperate as well. Cooperating agency staff provide
25 their particular expertise to the analyses in the EIS and/or
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1 use the EIS to meet their own statutory NEPA requirements
2 associated with the permits they issue for the proposed
3 Project. Other agencies may not officially cooperate, but
4 do have review or permitting authority as well.

5 As I said earlier, the primary purpose of this
6 meeting tonight is to give you an opportunity to comment on
7 the project or on the environmental issues that you would
8 like to see covered in the EIS.

9 It will help us the most if your comments are as
10 specific as possible regarding the potential environmental
11 impacts and reasonable alternatives of the proposed Magnolia
12 LNG Project.

13 These issues generally focus on the potential for
14 environmental effects, but may also address construction
15 issues, mitigation, and the environmental review process.

16 In addition, this meeting is designed to provide you
17 with an opportunity to meet with Magnolia's representatives,
18 to ask them questions, and to obtain more detailed
19 information about their proposed facility and construction
20 plans.

21 Please keep in mind that the project is still early
22 in its development. The intent of the public scoping
23 meeting is that Magnolia will use the comments made here
24 tonight in designing the Project and protecting the
25 environment.

26

1 So, tonight's agenda is a simple one. First, I'm
2 going to describe the environmental review process and the
3 FERC's role in this project. Next, we will take time to
4 answer a few questions you might have about the process.

5 After that, we're going to let the project sponsor,
6 Magnolia, give a more complete description of the project,
7 and then we will hear from those of you who have signed-up
8 to speak.

9 If you would like to present comments tonight,
10 please be sure to sign the speakers' list at the sign-in
11 table where you came in at the back. Once those speakers
12 who signed up to speak have commented and time allows, I
13 will ask if there are any additional comments.

14 Now, I want to briefly describe our environmental
15 review process for you. To illustrate how this process
16 works, we've prepared a flow chart that was in the NOI and
17 is also in the back of the room as well if you'd like to
18 take a look.

19 There are also paper copies of this flowchart
20 available at the sign-in table. Currently, we are near the
21 beginning of our environmental review process which is
22 called pre-filing.

23 Magnolia requested to enter the FERC pre-filing
24 process on March 12th of this year, which began our review
25 of the Magnolia LNG Project facilities. The purpose of the
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1 pre-filing is to encourage involvement by all interested
2 stakeholders in a manner that allows for the early
3 identification and resolution of environmental issues.

4 As of today, no formal application has been filed
5 with the FERC; however, the FERC, along with other federal,
6 state, and local agency staffs, have begun or are beginning
7 to review the project.

8 On June 18th, FERC issued a Notice of Intent or NOI
9 to prepare an EIS for this project and initiated a scoping
10 period. This "scoping" or comment period will end on July
11 19th. Even though the formal scoping period will close,
12 additional project information will continue to be filed by
13 Magnolia and you may continue to file comments throughout
14 the process.

15 Directions to file comments are in the NOI. There
16 are a few copies of the NOI available at the sign-in table
17 if you did not receive one in the mail and would like one.

18 Once scoping is finished our next step will be to
19 begin analyzing the company's proposals and the issues that
20 have been identified during the scoping period. This will
21 include an examination of the proposed facility location as
22 well as alternative sites.

23 We will assess the projects' effects on waterbodies
24 and wetlands, vegetation and wildlife, endangered species,
25 cultural resources, soils, land use, air quality, and
26

1 safety.

2 We will assemble and analyze information from a
3 variety of sources, including Magnolia's filings; the
4 public; other state, local, and federal agencies; and our
5 own independent analysis.

6 When complete, our analysis of the potential impacts
7 will be published as a draft EIS and presented to the public
8 for a 45-day comment period. This draft EIS will be mailed
9 to all interested parties and posted at FERC's record
10 information system, e-library, where it can be publically
11 accessed as well.

12 During the 45-day comment period on the draft EIS,
13 we will hold another public comment meeting to gather
14 feedback on our analysis and findings. After making any
15 necessary changes or additions to the draft EIS, a final EIS
16 will be produced and mailed to all interested parties as
17 well as being posted on e-library.

18 Please note that because of the size of the mailing
19 list and to reduce costs, the mailed version of the EIS is
20 often on a CD. That means, unless you tell us otherwise,
21 the EIS you will find in your mailbox will be on a CD.

22 If you prefer to have a hard copy mailed to you, you
23 must indicate that choice on the return mailer attached to
24 the NOI or you can also indicate that on the attendance
25 sheet tonight at the sign-in table.

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1 As I mentioned earlier, our issuance of the NOI
2 opened a formal comment period that will close on July 19th.
3 The NOI encourages you to submit your comments as soon as
4 possible in order to give us time to analyze and research
5 the issues.

6 If you received the NOI in the mail, you are on our
7 mailing list and will remain on our mailing list to receive
8 the EIS and any other supplemental notices we may issue
9 about this project unless you return the mailer attached to
10 the back of the NOI and indicate you wish to be removed from
11 the mailing list.

12 Again, there are copies of the NOI available at the
13 sign-in table, if you did not receive the one and would like
14 one. Also, you can be added to our mailing list by signing
15 up at the sign-in table in the back or by submitting
16 comments on the project.

17 I would like to add that the FERC encourages
18 electronic filing of comments and other documents.
19 Instructions for filing comments electronically are given in
20 the NOI and may be found on our website, www.ferc.gov, under
21 the e-filing link. If you would like to comment via
22 traditional mail, the NOI also includes those instructions.

23 It is very important that any comments you send,
24 either electronically or by traditional mail, include our
25 internal docket number for this project, which is
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1 PF13-9-000. The docket number is on the cover of the NOI
2 which again is available at the sign-in table.

3 If you decide to send us a comment letter, please
4 put that docket number on it as well. That will ensure that
5 members of the staff evaluating the project will get your
6 comments as soon as possible. And just to repeat, the
7 docket number for the Magnolia LNG Project is PF13-9-000.

8 Now I want to explain the roles of the FERC
9 Commission and of the FERC environmental staff. The
10 5-member Commission is responsible for making a
11 determination on whether to issue an Authorization under
12 Section 3(a) of the Natural Gas Act for the Magnolia LNG
13 Project.

14 The EIS, prepared by the FERC environmental staff
15 (which I am part of), describes the project facilities and
16 associated environmental impacts; alternatives to the
17 project; mitigation to avoid or reduce impacts; and our
18 conclusions and recommendations.

19 The EIS is not a decision document. It is being
20 prepared to disclose to the public, and to the Commission,
21 the environmental impact of constructing and operating the
22 proposed project.

23 When it is completed, the Commission will consider
24 the environmental information from the EIS along with the
25 non-environmental issues, such as engineering, and rates, in
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1 making its decision to approve or deny Magnolia's request
2 for a certificate.

3 There is no review of FERC decisions by the
4 President or Congress, maintaining FERCs independence as a
5 regulatory agency, and providing for fair and unbiased
6 decisions.

7 Now that I have gone through the FERC process, I
8 would like to hand it over to Lieutenant Fediw of the United
9 States Coast Guard so he can give a brief explanation of
10 Coast Guard's role. Lieutenant Fediw.

11 LIEUTENANT FEDIW: Thank you very much. Good
12 evening. My name is Lieutenant Will Fediw. I'm attached
13 here at the Marine Safety Unit, Lake Charles. I want to
14 thank FERC and Magnolia for putting on this public speaking
15 -- public scoping meeting -- excuse me, it's a very
16 beautiful venue. Kind of reminds me of church a little bit,
17 so with that, let us pray for Magnolia.

18 (Laughter.)

19 LIEUTENANT FEDIW: I kid -- all right, my job is to
20 provide a very brief and easy-speak definition of what we,
21 as the Coast Guard, are going to be doing in relation to
22 this Magnolia project, in partnership with FERC.

23 Basically, what happens is, since Magnolia is
24 building a waterfront facility that's going to be located on
25 the navigable waterway, we as the Coast Guard will be
26

1 preparing a letter of recommendation that goes to FERC,
2 stating whether or not the waterway is suitable for this
3 type of process. We are currently in the middle of what's
4 called a waterway suitability assessment that is led by
5 Magnolia and we attend and we review the information that's
6 being presented.

7 It goes over basic characteristics of the waterway
8 and the port such as its depth, such as the traffic that's
9 involved, and what the impact of the project would be on the
10 surrounding area.

11 Again, we do this in partnership with FERC so after
12 the waterway suitability assessment is prepared in this
13 initial permitting phase, we as the Coast Guard review that
14 and if we find it satisfactory we submit then a letter of
15 recommendation to FERC to go along with their EIS up to the
16 Commission that decides it.

17 So that's our role, is we come and evaluate the
18 waterway and the impact that it will have to the surrounding
19 area and community.

20 Now fast forward a few years from now. Once the
21 permitting phase is finished and the project is complete,
22 the Coast Guard comes back and inspects the facility that's
23 on the waterway as a regulatory body under what's called the
24 Code of Federal Regulations and that's Chapter 33 of the
25 Code of Federal Regulations, Subchapter 127, which deals
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1 with facilities that have to do with LNG, in our case Liquid
2 Natural Gas, or liquid hazardous gas.

3 So once the facility is built, they submit to us
4 their operations plans and manuals, their security plans and
5 manuals, and that's the role we play. If you look at it as
6 a three-part system, we look at it from safety, security,
7 and facilitating commerce. That's our role as the Coast
8 Guard.

9 So we come in to make sure that essentially the
10 facility is safe from any type of accidental release of LNG,
11 that ships and vessels can come and interface with the
12 facility safely, to take on or discharge any type of cargo,
13 and also from a security standpoint, that the facility and
14 the product itself is protected from any types of acts of
15 harm or terrorism.

16 So in a nutshell, that is how the Coast Guard ties
17 into this process. Step one in the permitting, evaluating
18 the waterway and what we're doing right now in a waterway
19 suitability assessment to issue a letter of recommendation
20 to FERC for their ultimate decision, and then part two, in
21 the future, we step in as the regulatory agency to inspect
22 them under safety and security to make sure that the area
23 and the commercial waterway is safe and secure. And that is
24 all I have from the Coast Guard's perspective. Thank you
25 Bob.

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1 MR. KOPKA: Thank you Lieutenant. At this point,
2 are there any questions about the agencies' roles or our
3 process?

4 (No response.)

5 MR. KOPKA: Before we start taking comments from
6 you, I have asked Magnolia to provide a brief overview of
7 the proposed project. So Ernie Megginson with Magnolia will
8 briefly describe the Project.

9 MR. MEGGINSON: Thank you. Hopefully you guys can
10 hear me in the back. My name is Ernie Megginson, I'm the
11 Vice President under Project Management for LNG.

12 A lot of people have already seen this presentation
13 so I apologize, you'll have to live through it one more
14 time. Magnolia LNG -- let me back up -- Bob mentioned
15 briefly what LNG is. It's basically pipeline natural gas,
16 frozen down to -260 degrees Fahrenheit. It becomes a liquid
17 at that time and when it becomes a liquid, it becomes 600
18 times smaller in space. That makes it economic to ship
19 longer distances -- his phone ringing -- and I apologize for
20 that -- got it -- and that allows it to be shipped overseas,
21 long distance or even short distances.

22 Why are we even in Louisiana talking about the
23 Magnolia LNG project? My analogy is, they used to say all
24 roads lead to Rome. Well Louisiana has been historically
25 the center of the natural gas industry in the U.S., and so
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1 naturally all pipelines lead to Louisiana, and that's
2 critical to our success, having access to the natural gas
3 from the various producing regions around the country. It's
4 very, very important.

5 The second thing that's important is just the local
6 support and capabilities of the industry and community here.
7 There is two existing LNG terminals in this general area,
8 one in Cameron and the Sempra project, one in -- right
9 across the channel from us, canal from us, the BG Trunkline
10 Facility, so the community is very aware of the industry --
11 LNG industry, very comfortable with it. They're aware and
12 comfortable of ships traveling the waterways like Lieutenant
13 Fediw talked about. So it's a -- the combination of
14 pipeline access, community support, is something that makes
15 us want to do business in Louisiana. It attracts business.

16 What I'll talk about today is a short overview of
17 the project, talk about where we are in the schedule. I
18 know Bob talked about the permitting process. I'll give you
19 a timeline of what our expectations are, no guarantees, but
20 our expectations of where we are and where we're finishing
21 it.

22 A little bit about the project site and something
23 about the unique technology, the liquefaction technology
24 that we are employing and in showing you a little bit about
25 the project team because I think we've assembled a project
26

1 team that's not only very, very experienced in the FERC
2 process, but also locally in the community as well as
3 working with the agencies in Baton Rouge that are required
4 to permit the project.

5 Magnolia is being developed by Liquefied Natural Gas
6 Limited out of Perth, Australia. So if you -- there is
7 someone here, Lincoln Clark, wherever you are raise your
8 hand, he'll talk funny to you and he does not like -- oh
9 there you are -- he does not like us to talk about Fosters
10 Beer or taking him to the Outback Steakhouse, so some day
11 we're going to have to force him to that, both.

12 The capital investment for the project is, for the
13 first phase of the project is \$2.2 billion. I'll show you
14 later on when we get to the site diagram, what I mean by
15 phase one and phase two.

16 Phase one is \$2.2 billion. That includes two of the
17 four trains and trains mean the liquefaction process units,
18 two tanks, the jetty and the site layout. The second phase
19 will be another \$1.5 billion and that's the second two
20 trains, which will be built later as we get commercial
21 agreements in place.

22 Jobs -- I know the jobs are very, very important to
23 the community. We estimate that our operating staff will be
24 around 45 permanent, good-paid professional 45 operator jobs
25 and management jobs will result in approximately 175
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1 indirect jobs. That means that delivery men, the cleaning
2 people, the gardeners, the guards in the facility.

3 And at the peak of the construction, the two-year --
4 the three-year construction period, we estimate the
5 construction labor will be about 1,000 people at the peak.

6 Location is on the industrial canal of Lake Charles.
7 The port has -- we've signed an agreement with the port for
8 a site option agreement, which gives us a period of time to
9 develop and construct the project, and then we have a period
10 of time to operate it, and that period of time is 30 years
11 plus four 10-year extensions. So it's a 70 year life of the
12 project and we expect to be good neighbors and good
13 community participants during that time.

14 The plant capacity is eight million tons per annum
15 and I apologize if that doesn't mean much to you. Someone
16 told me, I think Ginger told me before I should convert that
17 into basketballs and tell you how many billions of
18 basketball that is per year but basically it's a lot of LNG
19 that's being shipped out. It's about half the capacity of
20 the Trunkline facility and half the capacity of the proposed
21 Sempra facility, so it's a smaller model of those
22 neighboring plants.

23 The LNG process we're using, like I mentioned, is
24 patented OSMR technology. It's a optimized single-mix
25 refrigerant technology that's been developed and patented by
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1 the parent company, LNG Ltd., out of Perth, Australia, and
2 I'll talk about why that's important in the future.

3 And the gas connection again, why this site. There
4 is a Kinder-Morgan pipeline, 45-inch pipeline that's running
5 through the site that makes their interconnection and permit
6 process very, very easy. So that's a very, very attractive
7 site.

8 The site's -- let me see if this works -- you can
9 see the site is up the Calcasieu Channel, up in the
10 industrial canal area. It's about, I think 22 miles up the
11 coast -- up from the mouth of the channel.

12 The project site is 110 acres, 120 acres. We're
13 adding a little bit of additional property to it. The
14 Trunkline facility is over there, this is the inter-coastal
15 waterway and the industrial canal comes up here. There is a
16 turning basin where they turn the ships around, docks either
17 at the Trunkline facility or the Magnolia facility.

18 There will be other projects in that area. There is
19 a gas/electric project going in right here as well. So
20 there is a lot of activity in this area.

21 This is an artist rendition -- if you squint your
22 eyes and go out there on a sunny day, you'll be able to see
23 this, but this is an artist's rendition of what we'll be
24 building out there. You'll see the four liquefaction
25 trains, each of capacity of two million tons per day -- per
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1 annum, sorry, per year, and that's basically enough to, like
2 Hawaii, is looking at initially one million ton and up to
3 two million tons. So one train of that will be providing
4 the generating capacity for like, the state of Hawaii, just
5 to give you an example.

6 The two tanks, then we'll have a marine jetty that
7 we have a artist rendition of an LNG carrier there. That's
8 typical of what's been going back and forth on the Trunkline
9 facility as well as Sempra.

10 Where we are on the schedule? In December we met
11 with -- actually in November we met with the -- last year we
12 met with both FERC and DOE to outline the project and kind
13 of throw out our concept and see if it even had a something,
14 you know, of an interest to the nation.

15 You know, like it or not, there are 20, I think 25
16 different projects that have been proposed, something like
17 that, and we were number 22. So the question was, to us,
18 you know, why even try? You'll never get it done, you're
19 number 22 out of 25, and the answer was, well we're going to
20 focus on activities that we think are competitive and don't
21 directly compete with our neighbors.

22 Our neighbors, the Trunkline facility, the Sempra
23 facility, you hear about the Chenier facility, the Golden
24 Pass facility, the Freeport facility in Texas, all of these
25 facilities are large enough, their focusing on the larger
26

1 Asian markets that are higher priced than domestic and local
2 markets, and what we are focusing on right now for the phase
3 one are domestic and free trade agreement markets.

4 Free trade agreement markets are bilateral
5 agreements for the U.S. government with various countries
6 around the world, and I think there are 15 of them or 13 of
7 them, something like that. It's close to that. It's
8 countries like Australia, Singapore, South Korea, Dominican
9 Republic, Panama, Chile, and there are several others that
10 I'm missing.

11 These are the countries that have already worked out
12 the bilateral free trade agreements with the United States
13 and therefore its trade that goes both ways. They've
14 already worked out all the kinks in fair trading.

15 Those countries are called the free trade
16 agreements, and we applied in December to the U.S.
17 Department of Energy for an application to export to the
18 free trade agreement countries, that's step number one.

19 And we got that approval in late February 2013, this
20 year, and that gave -- that gives us the legal authority,
21 based on federal government's approval, the Department of
22 Energy's approval, to export LNG. So we have that.

23 There is a second phase of that approval that we'll
24 be applying for a little bit later for phase two, which will
25 be for the non-free trade agreement countries. That
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1 includes the big LNG consumers like Japan, China, and
2 Europe. So right now we're focusing on domestic markets and
3 free trade agreement markets.

4 March we -- like Bob mentioned, we applied to the
5 FERC to enter into their pre-file process and that -- so
6 there is two main premise that we need to make this project
7 work.

8 Number one is the U.S. Department of Energy, second
9 one is FERC. FERC has jurisdiction over our environmental
10 permits. All the state permits that we'll apply to -- for,
11 they actually got to FERC and FERC may approve it under the
12 state's license, but FERC is the overall authority whether
13 it's acceptable and we get our permit to construct.

14 So those two permits are very, very important. So
15 starting that process with DOE first and FERC second was,
16 you know, we're well into the permitting game. Part of
17 that, we hosted a community open house on May 2nd at the
18 Pujo Caf just down the road.

19 I think a lot of you guys I see -- were attended. I
20 really appreciate that, that was overwhelming. We had, I
21 think 100 -- over 110/114 people that showed up.

22 Unfortunately we only had a room that was designed for 50,
23 so we kind of -- luckily everyone wore deodorant, it was
24 quite good. But the food was good, the hosting was good,
25 and it was a good time to, you know, talk to the community.

26

1 But that wasn't on record. This is, the scoping meeting is
2 on record. There were two different purposes.

3 Like it points out, July 11, here we are at the
4 scoping meeting. That's a part of the process for FERC to
5 get public comments in the environmental aspects of the
6 project. Hopefully we'll have letters of support, you know,
7 we just need to hear from the community and make sure that
8 we address all the concerns.

9 We are planning on -- if Frick Richard is here,
10 we're planning on sign up for a part of his office downtown
11 where -- so we will have a representative office in Lake
12 Charles, we'll have an engineering office, main engineering
13 office in Houston and I'll be located in Houston but
14 traveling back and forth quite a bit.

15 By the end of 2014, the FERC process is divided into
16 pre-file and file. Pre-file is where we get to work all of
17 the -- there is 13 different resource reports, basically it
18 takes an environmental impact statement and breaks it down
19 into 13 sections and we have our environmental consultants,
20 and our regulatory lawyers.

21 Unfortunately our technical consultant is not here
22 tonight, but we have a very qualified team, very experienced
23 team working on these types of projects to put together the
24 application to FERC that will hopefully receive approval
25 and, you know, approval from the community as well.

26

1 We anticipate finishing the pre-file process at the
2 end of 2014, looking forward to working towards goal of
3 finishing the filing period process by the end of 2015 --
4 I'm sorry -- 2013 to finishing the pre-file and 2014 to
5 finish the file period.

6 We start the -- that would allow us to start
7 construction in 2015. Target start up is late 2017, early
8 2018. The project is -- this is just a different view of
9 the project. You can see I added the Kinder-Morgan
10 pipeline, that's a very critical item because we have to
11 permit any offsite, so if we didn't have that pipeline --
12 some projects have to build 20/30 miles of inter-connect
13 pipeline to get to their project -- we don't. Its right
14 there, we'll inter-connect right there to the gas gate
15 station and the gas that Kinder-Morgan pipeline
16 inter-connects with multiple interstate pipelines that
17 support or cover all the major shale gas regions of the
18 country.

19 Like I mentioned there are four trains, four two
20 million ton trains. Phase one will be the first two trains,
21 two tanks, and a jetty at the dock. Well we'll also being a
22 little bit of innovative, people that we are, we are not
23 only focusing on the international export of LNG, but we
24 also are looking to support the local domestic and regional
25 domestic use of LNG, both in highway transportation and in
26

1 marine bunkering.

2 So we'll design our jetty to support or accommodate
3 regional barges that can come pick up LNG and ship it out to
4 different terminals for marine bunkering. That's a growing
5 need because there is some environmental emissions
6 requirements for the ships and tugs working in the U.S.
7 waters that need to be improved. So we'll help them.

8 The other thing we're adding is a truck loading
9 facility to be able to bring the utilized trucks out I-10
10 for the filling, LNG filling stations for long haul trucks.
11 That's a growing market as well. Both of those markets are
12 our future, they're some areas in the country that have it
13 and are using it but some areas, it is a growing market and
14 we want to support it.

15 The technology, like I mentioned, the LNG Limited,
16 the parent company, developed the -- what they call OSMR
17 technology. Basically it takes the industry standard single
18 mix refrigerant technology, basically the refrigeration part
19 of the process, it freezes the natural gas into liquid and
20 they said, how can we improve on it? And they did it in
21 three ways.

22 One, they replaced the industrial, less efficient
23 industrial gas turbines with more, higher efficiency
24 air-derivative gas turbines. They're smaller, higher
25 efficient, and they're easier to maintain. You just flip it

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1 out, send it out and you flip a new one in. So maintenance
2 is very, very good and easy.

3 The second thing they did was standard -- this is
4 used in the power plant industry all the time. Instead of
5 the gas -- the exhaust gas from the gas turbines is super
6 hot and what they will be doing is adding heat recovery
7 steam generators, basically capturing that waste heat and
8 that improves the overall efficiency of the process.

9 And using that waste heat, we produce steam that
10 then we can put into a cooling system, refrigeration system
11 that will then cycle back to pre-cool the inlet air -- I'm
12 getting more technical -- sorry, but it cycles back and
13 pre-cools the inlet air to the gas turbines which makes that
14 whole process more efficient, as well as pre-cooling the
15 inlet to the coal box which is liquefaction.

16 Bottom line guys, that makes our process about 30%
17 more efficient than the other processes, which means that we
18 estimate about 30% less emissions and as a result, less
19 capital cost.

20 So why we're doing it when we're 22 out of 25? We
21 think that we not only have an excellent site with excellent
22 support in the community, but we also have a technology that
23 is cost competitive, both on the capital cost as well as on
24 the efficiency.

25 So we'll be the cleanest LNG process project in the
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1 world once this thing is built.

2 Project team I mentioned, you can see we have
3 ecology environment CH-IV International architect all three
4 of them, nationally known and very, very experienced
5 environmental safety, technical consultants. We have -- a
6 project like this we always have to have lawyers, so we have
7 our share of them.

8 We have David Wapner and Sandy Safro from our
9 regulatory, legal counsel from Washington, DC, here, we have
10 Winfield Little from our local legal counsel in Lake
11 Charles, Ann Southerland is in Houston.

12 We also have Ginger Adams, who is our government
13 affairs consultant, Ginger and Judy, and Pat -- I mean Matt
14 and Pam are here from the O'Carroll Group, helping us,
15 keeping us all straight with the presentations and material
16 so we don't make too many mistakes. I try to make them, but
17 they stop me. There is a contact.

18 MR. KOPKA: Thank you Ernie. Before we start taking
19 comments -- well oops, sorry -- after our meeting here is
20 adjourned, the representatives from Magnolia will be
21 available with project maps and here to answer your
22 questions. Also the Coast Guard and us agency reps will
23 also be available.

24 Now we'll begin the important part of the meeting
25 where we hear your comments. We will first make -- take
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1 comments from those who signed up on the speakers list,
2 which was at the table in the back. If you would prefer,
3 you may hand us written comments tonight or send them in to
4 the Commission by following the procedures outlined in the
5 NOI.

6 I'm sure you have noted that this meeting is being
7 recorded by a transcription service. In the back we have a
8 court reporter. This is being done so that all of your
9 comments and questions will be transcribed and put into the
10 public record.

11 To help the court reporter produce an accurate
12 record of this meeting, I ask that you please follow some
13 general ground rules: When your name is called, please step
14 up to the microphone and state your name and spell it for
15 the record. Identify any agency or group you're
16 representing, and define any acronyms you may use.

17 I also ask that everybody else in the audience,
18 respect the speaker and refrain from any audible show of
19 agreement or disagreement.

20 We are now ready to call our first speaker. And
21 that is Senator Ronnie Johns.

22 SENATOR JOHNS: Thank you very much and good
23 evening. I'm State Senator Ronnie. I represent the greater
24 part of Calcasieu Parish but I'm actually here tonight
25 representing the entire Southwest Louisiana Legislative
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1 Delegation.

2 We actually met with the Magnolia project team
3 during our most recent legislative session in Baton Rouge.
4 We had a very good, informative meeting, not only did we see
5 what you have seen here tonight, but I think we even got
6 into more an in-depth discussion of what the project is,
7 what it's going to take to make it happen and the
8 long-reaching impacts of this.

9 I'm here to tell you tonight, on behalf of our
10 legislative delegation, we are fully supportive of this
11 project. We understand the infrastructure needs, we
12 understand the manpower needs that will go along with this,
13 we are well in tuned from the State of Louisiana and our
14 State agencies to address any of these problems that may be
15 forthcoming in putting in a project like this together.

16 We feel very strongly that it will be a very safe, a
17 very environmentally safe project, bring much need jobs to
18 our area, but also bring a whole new infrastructure for LNG.
19 We do have the natural resources here in our area with the
20 Calcasieu ship channel, we are doing a lot in our community
21 in terms of manpower, training, and needs right here. So we
22 feel like we're very well equipped to handle a project like
23 this right here in Southwest Louisiana.

24 We have filed a letter of support from our entire
25 legislative delegation. We did file that electronically

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1 this week. So you should have that filed already, but with
2 that said, we look forward to working very closely with our
3 federal regulatory agency and also the Magnolia Group and I
4 want to publicly thank the Magnolia Group for their
5 commitment to coming to Southwest Louisiana and we look
6 forward to a very long term relationship with you. Thank
7 you very much.

8 MR. KOPKA: Thank you Senator. Our next speaker is
9 Bill Polk. Yes, sorry if I mispronounced it.

10 MR. RASE: I'm Bill Rase, I'm Executive Director at
11 the Port of Lake Charles. And again, we have filed also a
12 letter to FERC officially supporting the project. I'm only
13 here tonight to double that and tell you that we are very
14 comfortable with Magnolia LNG and, of course, we entered
15 into an agreement with them, but I think it's going to be
16 good for the community, be good for all the citizens.

17 We have no issue with the LNG situation because we
18 handle LNG all the time here in Lake Charles and the fact is
19 that our channel is an energy channel, which is very
20 important to the State and very important to the country.

21 It's not just Louisiana that benefits from the
22 different energies that move through the Calcasieu River
23 Channel and the channel is very safe. We have the oversight
24 of the Coast Guard and the skill of our local pilots. We've
25 never had any major incidents on our channel and I'm sure

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1 that that will continue.

2 So again, the Port of Lake Charles is very much in
3 support of this project. Thank you.

4 MR. KOPKA: Thank you. Our next speaker is Randy
5 Roach.

6 MR. ROACH: Thank you and good evening. My name is
7 Randy Roche, spelled like a bug, Roach, I can tell you a lot
8 of stories growing up with that name, it's a lot like a boy
9 name Sue, but anyway. Some of you are too young to remember
10 that song by Johnny Cash, but nonetheless, I wanted to come
11 as Mayor of the City of Lake Charles and to also express our
12 support as a community for this project.

13 Bill just commented briefly on the fact that LNG is
14 a part of the local economy, that's something that the local
15 community is accustomed to, has been dealing with for
16 several years and I think it's important, perhaps to point
17 out that several years ago there was a group, a community
18 group that came in from Mobile, Alabama.

19 Apparently there was a company that was considering
20 putting an LNG facility over there. That facility was not
21 constructed in Mobile, I don't believe, but the community
22 there was concerned about LNG. They heard about the fact
23 that there was not just one LNG facility here in Southwest
24 Louisiana, there was actually another one being discussed --
25 well actually two more being discussed and they were

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1 wondering why a community would be open to additional
2 expansion of LNG facilities.

3 And I had an opportunity to meet with that group of
4 community leaders from Mobile answered their questions, I
5 thought very thoroughly, I think they were satisfied when
6 they left, that LNG is like any other energy product, you
7 have to treat it properly, you have to manufacture it
8 properly.

9 Any energy product is going to carry a certain
10 amount of risk with it, but properly engineered, properly
11 managed, it's very safe. And I think the history here in
12 Southwest Louisiana demonstrates that it is safe, it is a
13 product that we understand, it is a product that we know how
14 to handle, it's a product that our pilots know how to deal
15 with, the pilots that manage these ships as they come in and
16 out of the channel, they know how to handle LNG, they're
17 accustomed to that.

18 So from a marine safety standpoint, I think that we
19 have a very good group of people who can deal with that both
20 from a professional standpoint and from a practical
21 standpoint, not just those who pilot the ships, but the
22 captains of the tugs that have to work with those ships once
23 they come in the channel, once they're approaching the
24 channel.

25 Also from the standpoint of the community, we talked
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1 about the economics of such a project and that's important
2 and you would anticipate that a local community would
3 welcome the economic investment that a companies a project
4 like this, and of course, we do.

5 But it's not just the economics of this project that
6 I think are important, I think it's important because we
7 understand the role that Southwest Louisiana plays in
8 meeting the energy needs of this nation.

9 And I go back to the comment that I made earlier
10 about the community of Mobile and the community leaders that
11 came and they were expressed -- and they were concerned
12 about LNG. I think that there is sometimes in other areas
13 of the country there is just an lack of understanding of the
14 energy process and perhaps you at FERC, I think you know you
15 have to deal with that in other communities in other ways
16 and you understand the controversy that is sometimes
17 associated with that.

18 Some people who come to this community and this area
19 of the State, and we're not unlike any other area I guess in
20 Louisiana, but who come to this area remark on that.

21 We made a conscious decision several years ago to
22 embrace not only the petrochemical industry, but the LNG
23 industry because it's been our experience that when you look
24 at the engineering behind these facilities, these companies
25 understand the responsibility that they have; not just to be
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1 good citizens and not just to do things for safety record,
2 but also because it just makes good business sense.

3 And the bottom line is the bottom line and the
4 bottom line in this industry, particularly with LNG is
5 safety and the energy process that has briefly been
6 described by Mr. Megginson, not only is it more energy
7 efficient from an emissions standpoint, it's also efficient
8 from a safety standpoint.

9 So we feel like by properly assessing this project,
10 looking at the engineering and satisfying yourselves as to
11 the validity of that process that's being proposed, we feel
12 that this project is a good project that meets all the
13 different criteria.

14 One of the things that I know is sometimes looked at
15 when you have these LNG facilities, or any other facility
16 dealing with natural gas, is the impact that the pipeline
17 system is going to have that needs to either feed it, take
18 it away or feed the system. And I believe that Mr.
19 Megginson has already pointed out that Magnolia has already
20 identified an existing pipeline.

21 So I would suggest to you that that is a major
22 factor. If you were to locate this facility in other -- in
23 another area, you might not have that benefit, but it's an
24 asset that we have here again because of the network of
25 natural gas pipelines that service not only this area but
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1 throughout Louisiana. Again, something that we're
2 accustomed to here.

3 So we feel like Southwest Louisiana, it's logical
4 for this area to be the home for LNG, where other facilities
5 are -- already existing facilities -- located here so there
6 is expertise here both from a marine safety standpoint, from
7 an engineering standpoint, and certainly from the standpoint
8 of the community that understands that process.

9 So I think that on those levels, which I think are
10 appropriate inquiry in any regulatory review process, I
11 think you'll find that the requirements have been satisfied
12 -- you will find that they will be satisfied and hopefully
13 this process will be completed in a reasonable time and, of
14 course, as the City of Lake Charles, we stand ready to work
15 with federal agencies, state agencies, in order to try to
16 address any issues or questions that may come up and we are
17 more than happy to assist in that process. Thank you.

18 MR. KOPKA: Thank you. Our next speaker is Captain
19 Brett Palmer.

20 CAPTAIN PALMER: Ladies and gentlemen, my name is
21 Captain Brett Palmer. I'm with the Lake Charles Pilots. I'm
22 involved in the overseeing of the operational issues of the
23 Lake Charles Pilots. We've been engaged with LNG ships for
24 over 20 years as we've proven to FERC in a presentation that
25 we've given to them with regards to our training

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1 specifically in regards to handling LNG ships.

2 We're very familiar with them. We understand the
3 nature of LNG ships, we understand the infrastructure
4 involved. We work very closely with other regulatory
5 agencies. These gentlemen right here in blue, very closely
6 and we support this project to the fullest. And that's all
7 I have to say. Thank you.

8 MR. KOPKA: Thank you Captain. That was the end of
9 our speakers list. Is there anybody else who would like to
10 speak?

11 (No response.)

12 MR. KOPKA: No. Without any more speakers, the
13 formal part of this meeting will conclude. I will be
14 available if you have any questions. On behalf of the
15 Federal Energy Regulatory Commission, I would like to thank
16 you all for coming tonight. So let the record show that the
17 Magnolia LNG Project Public Scoping Meeting in Lake Charles,
18 Louisiana concluded at 7:09 pm. Thank you.

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