

Group G

FOIA/PA NO: 2014-0488

## RECORDS BEING RELEASED IN PART

The following types of information are being withheld:

- Ex. 1:  Records properly classified pursuant to Executive Order 13526
- Ex. 2:  Records regarding personnel rules and/or human capital administration
- Ex. 3:  Information about the design, manufacture, or utilization of nuclear weapons  
 Information about the protection or security of reactors and nuclear materials  
 Contractor proposals not incorporated into a final contract with the NRC  
 Other \_\_\_\_\_
- Ex. 4:  Proprietary information provided by a submitter to the NRC  
 Other \_\_\_\_\_
- Ex. 5:  Draft documents or other pre-decisional deliberative documents (D.P. Privilege)  
 Records prepared by counsel in anticipation of litigation (A.W.P. Privilege)  
 Privileged communications between counsel and a client (A.C. Privilege)  
 Other \_\_\_\_\_
- Ex. 6:  Agency employee PII, including SSN, contact information, birthdates, etc.  
 Third party PII, including names, phone numbers, or other personal information
- Ex. 7(A):  Copies of ongoing investigation case files, exhibits, notes, ROI's, etc.  
 Records that reference or are related to a separate ongoing investigation(s)
- Ex. 7(C):  Special Agent or other law enforcement PII  
 PII of third parties referenced in records compiled for law enforcement purposes
- Ex. 7(D):  Witnesses' and Allegers' PII in law enforcement records  
 Confidential Informant or law enforcement information provided by other entity
- Ex. 7(E):  Law Enforcement Technique/Procedure used for criminal investigations  
 Technique or procedure used for security or prevention of criminal activity
- Ex. 7(F):  Information that could aid a terrorist or compromise security

Other/Comments: \_\_\_\_\_

\_\_\_\_\_

**Benner, Eric**

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**From:** Bloomer, Tamara  
**Sent:** Wednesday, September 10, 2014 4:15 PM  
**To:** Ostendorff, William  
**Cc:** Benner, Eric  
**Subject:** SENSITIVE INTERNAL INFORMATION: COS notes and other items  
**Attachments:** Budget Formulation MD.pdf; 9 10 14 COS meeting notes.pdf

Sir,

Outside of Scope

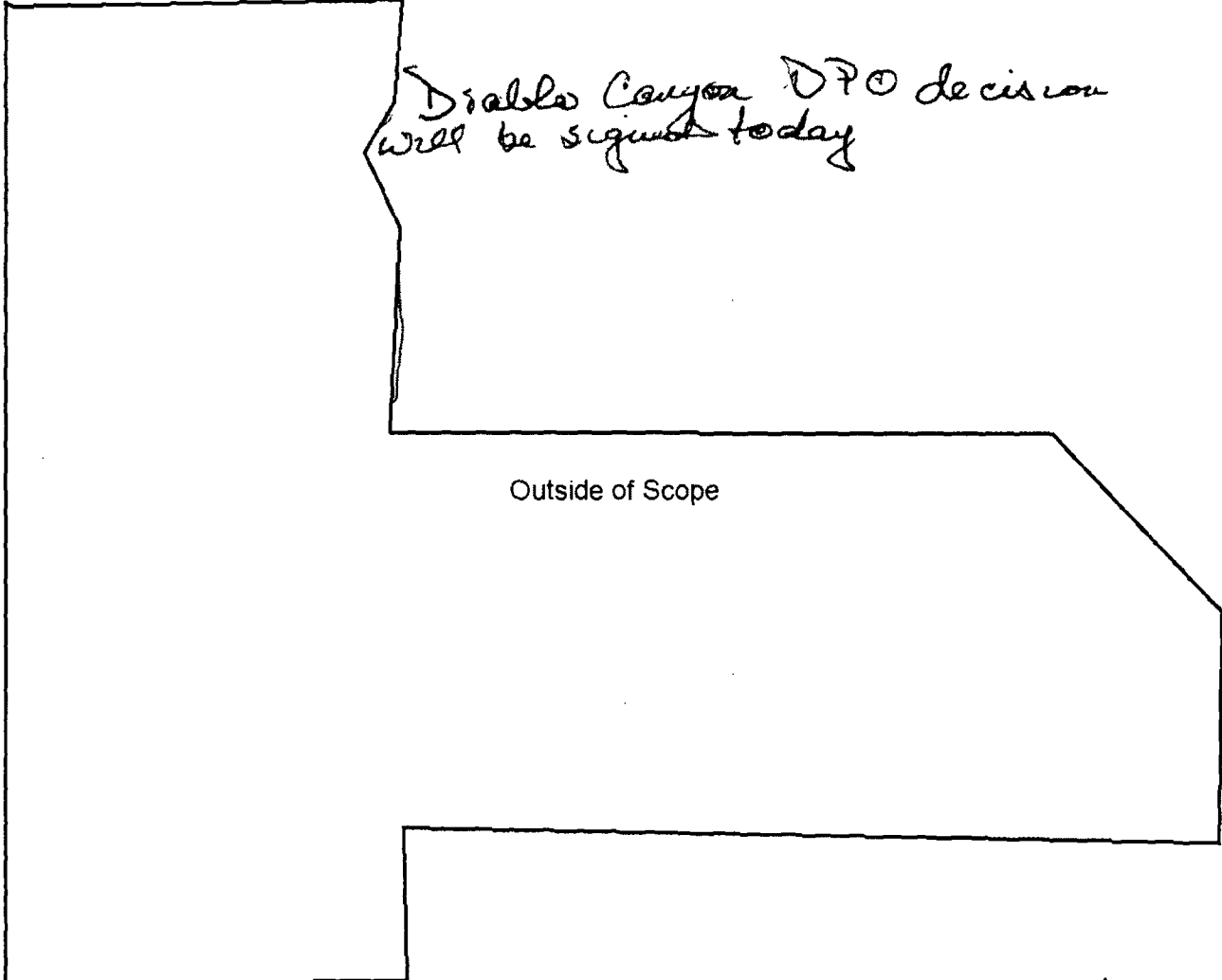
Diablo Canyon DPO and Finding will be public tomorrow.

Outside of Scope

Have a safe trip.

Tamara E. Bloomer  
Policy Advisor for Materials  
Office of Commissioner Ostendorff  
301-415-2896

CHAIRMAN MORNING MEETING INPUT  
Tuesday, September 9, 2014

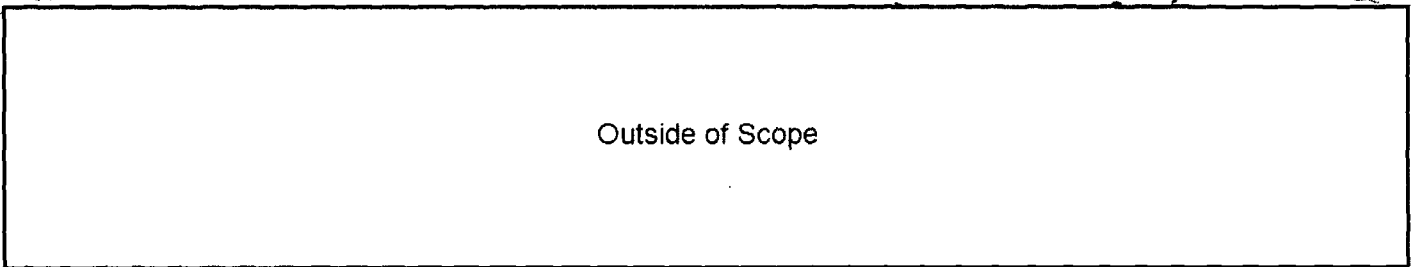


*Diablo Canyon DFO decision  
will be signed today*

Outside of Scope

*Latest seismic hazard results will be released  
today. Staff doing a review of Diablo*

(b)(5)



Outside of Scope

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LIMITED TO NRC UNLESS THE COMMISSION DETERMINES OTHERWISE

CHAIRMAN MORNING MEETING INPUT  
Wednesday, September 10, 2014

Outside of Scope

Outside of Scope

*Mike agreed to make his DPO public... whole package will be public*

Outside of Scope

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**Remsburg, Kristy**

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**From:** Gilles, Nanette  
**Sent:** Monday, June 02, 2014 5:28 PM  
**To:** Apostolakis, George  
**Cc:** Sosa, Belkys; Davis, Roger; Baggett, Steven  
**Subject:** FW: FYI: Diablo Canyon DPO info

This is a reminder from staff that the Diablo Canyon DPO Panel report is not public.

Outside of Scope

WCO  
EJB  
AEC  
TEB  
MPL  
SSM  
LSH

CHAIRMAN MORNING MEETING INPUT  
Tuesday, August 26, 2014

(b)(5)

An array of outlets, primarily California media, covered the leaked Differing Professional Opinion (minus the ongoing staff review and response) regarding Diablo Canyon's seismic design.

Outside of Scope

OIP Input

Nothing from OIP today.

OCA input

*FODD paper to be made public 9/8 -> expect requests for briefings.*  
Sen. Markey's (D-MA) asked for details, including statutory language, to support the Commission's recent response to his "job shadow" inquiries.

Staff to Sen. Feinstein (D-CA) asked for copy of DPO filing re: Diablo Canyon seismic studies following media coverage of the same; they have also requested a briefing on seismic issues at Diablo Canyon.

*Senator Boxer calling for a hearing on Diablo.*

Outside of Scope

*Diablo DPO -> Mark S. in final stages of appeal review. (hopefully next wk)*

Outside of Scope

WCO  
ESP  
REC  
TEB  
MBM  
SSB  
LSH

CHAIRMAN MORNING MEETING INPUT  
Wednesday, August 27, 2014

4

Outside of Scope

Simple screen & recording.

Diablo DPO → Internal staff mtg on Comm Plan for appeal closed.

(b)(5)

OPA input

Today's coverage is dominated by [redacted] Outside of Scope as well as follow-up on the leaked Differing Professional Opinion (minus the ongoing staff review and response) regarding Diablo Canyon's seismic design.

[redacted] Outside of Scope

Ann speech on Georgia Agreement state status at OAS  
Info Digest up next wk.

OIP input  
Nothing from OIP today.

OCA input

LOOKING FOR FINAL VOTE ON QFR → will not be transmitted this Friday  
Tuesday afternoon, OCA, NRR, and RES briefed staff to Sen. Feinstein (D-CA) re: seismic issues at Diablo Canyon, focusing on the NRC's work to date. Working with the Commission for clearance, OCA also delivered the DPO filing - with appropriate handling instructions - to the Senator's staff.

(b)(5)

## Bloomer, Tamara

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**From:** Cabbage, Amy  
**Sent:** Thursday, September 11, 2014 9:18 AM  
**To:** Ostendorff, William  
**Cc:** Benner, Eric; Bloomer, Tamara  
**Subject:** FW: Comm Plan for DPO & Appeal  
**Attachments:** Draft mini-Comm Plan on DCPD DPO\_final.docx

**Importance:** High

The EDO has made his decision on the DPO Appeal and the DPO Case File has now been made public.

### Additional Info

- The DPO panel completed its report in May 2014 and a decision on the DPO was rendered in letter dated May 29, 2014, to the DPO submitter.
- The DPO submitter appealed the decision to the EDO in accordance with the NRC's DPO process.
- The EDO completed his consideration of the DPO appeal on September 9, 2014, concluding that he was in agreement with the original decision.
- The EDO and the DPO submitter have both agreed that the issues raised in the DPO do not present an immediate safety concern for Diablo Canyon.
- The DPO submitter and the DPO submitter has agreed to allow the DPO case file to be made publicly available.

Regarding the operational status of Diablo Canyon Power Plant, Units 1 and 2

- The plant remains within its approved design and licensing basis.
- There are no current operability concerns resulting from the DPO.



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Communications Plan -  
Diablo Canyon Power Plant Topics of Interest  
Differing Professional Opinion and Appeal

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## **Marsh, Molly**

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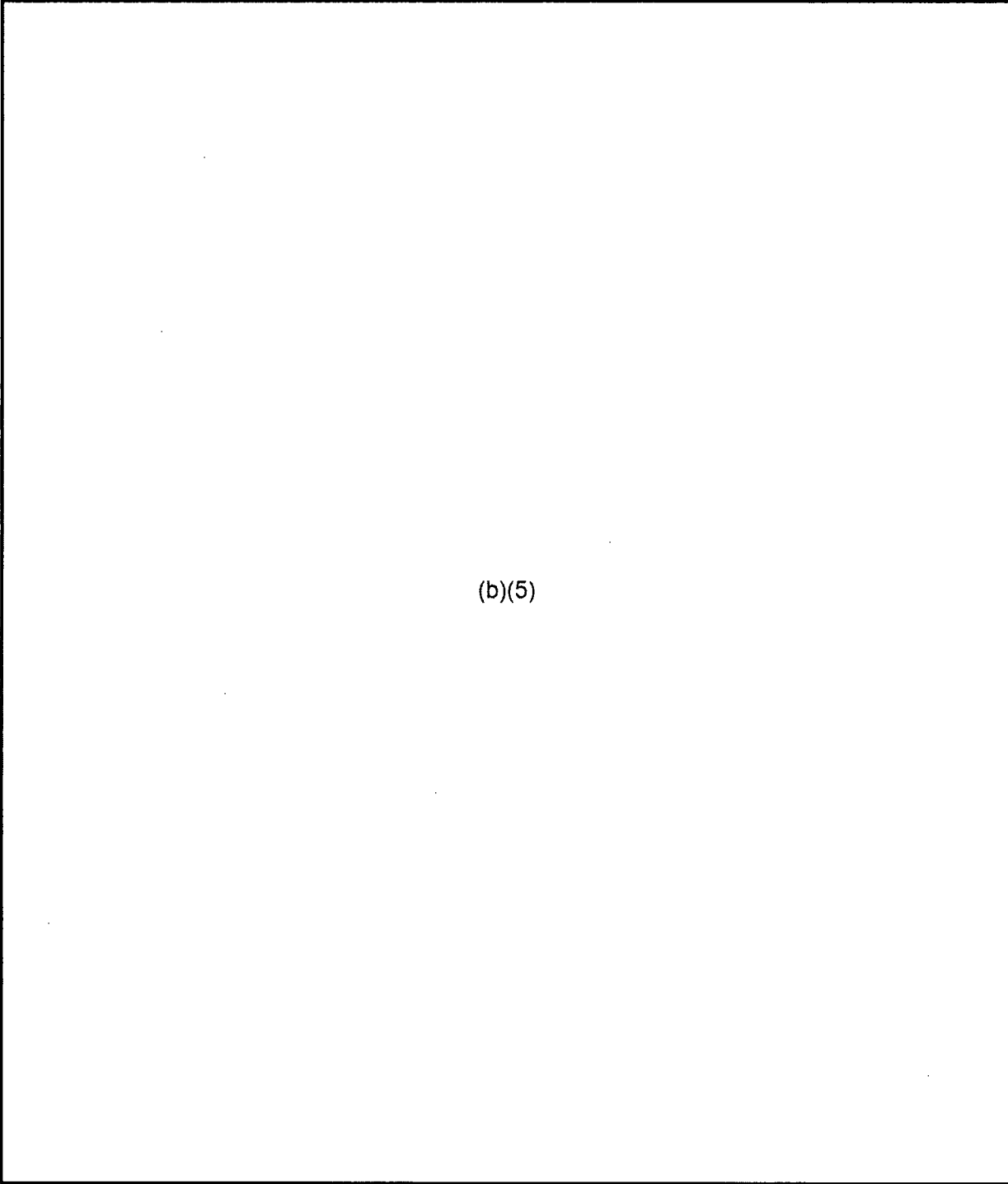
**From:** Ostendorff, William  
**Sent:** Tuesday, October 07, 2014 2:20 PM  
**To:** Marsh, Molly  
**Subject:** FW: diablo canyon state of california report  
**Attachments:** DC\_Calif\_seismic\_rpt comm plan 9-10-14\_final rev 1.docx

**From:** Cabbage, Amy  
**Sent:** Thursday, September 11, 2014 9:24 AM  
**To:** Ostendorff, William  
**Cc:** Benner, Eric; Bloomer, Tamara  
**Subject:** diablo canyon state of california report

Since you are headed to CA, here is the latest Comm plan for the PG&E/Diablo Canyon Power Plant seismic report submitted to the state of California this week.

Key Messages from the Comm plan on the Diablo Canyon State of California report.

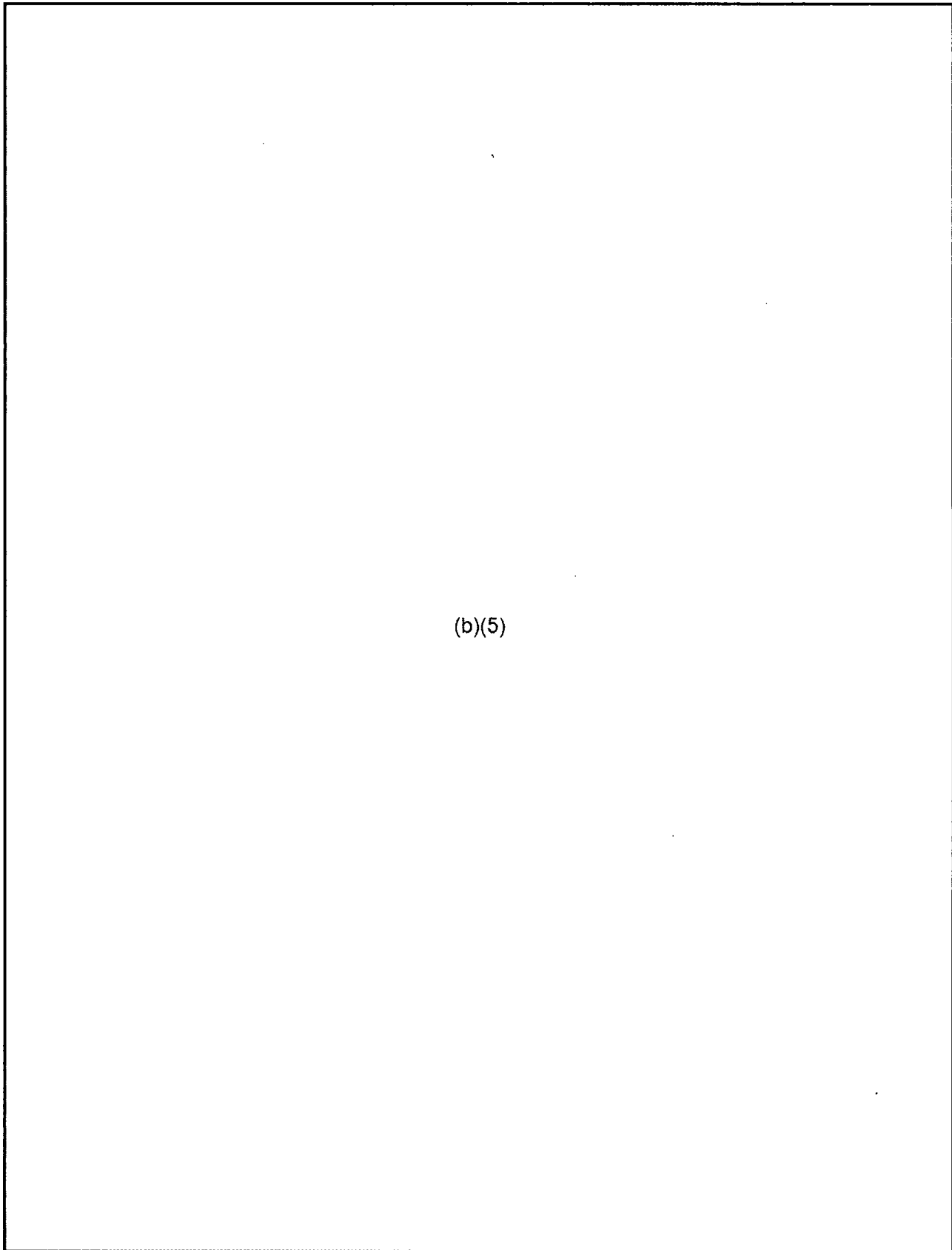
1. NRC Resident Inspectors and Region IV staff looked at the licensee's corrective action process assessment of new preliminary information concerning DCPD seismic and licensing bases. The licensee's information indicates reasonable assurance of public health and safety after a seismic event. PG&E's evaluation of the new seismic information, as documented in the report, concludes that the ground motions resulting from the faults discussed in the report (i.e., Shoreline, Hosgri, San Simeon, Los Osos, and San Luis Bay) continue to be bounded by the Hosgri analysis that was used during licensing of the plant.
2. The NRC staff will review the new information provided in the report in accordance with the NRC's inspection process. The NRC will take additional regulatory action as appropriate if the new information associated with the Faults around DCPD cause NRC to question PG&E's conclusions.
3. PG&E will incorporate the findings from Bill 1632 report into their upcoming March 2015 probabilistic seismic hazard analysis as part of the NRC's post-Fukushima activities. The NRC believes this more rigorous analysis will provide the most accurate assessment of faults affecting the DCPD.



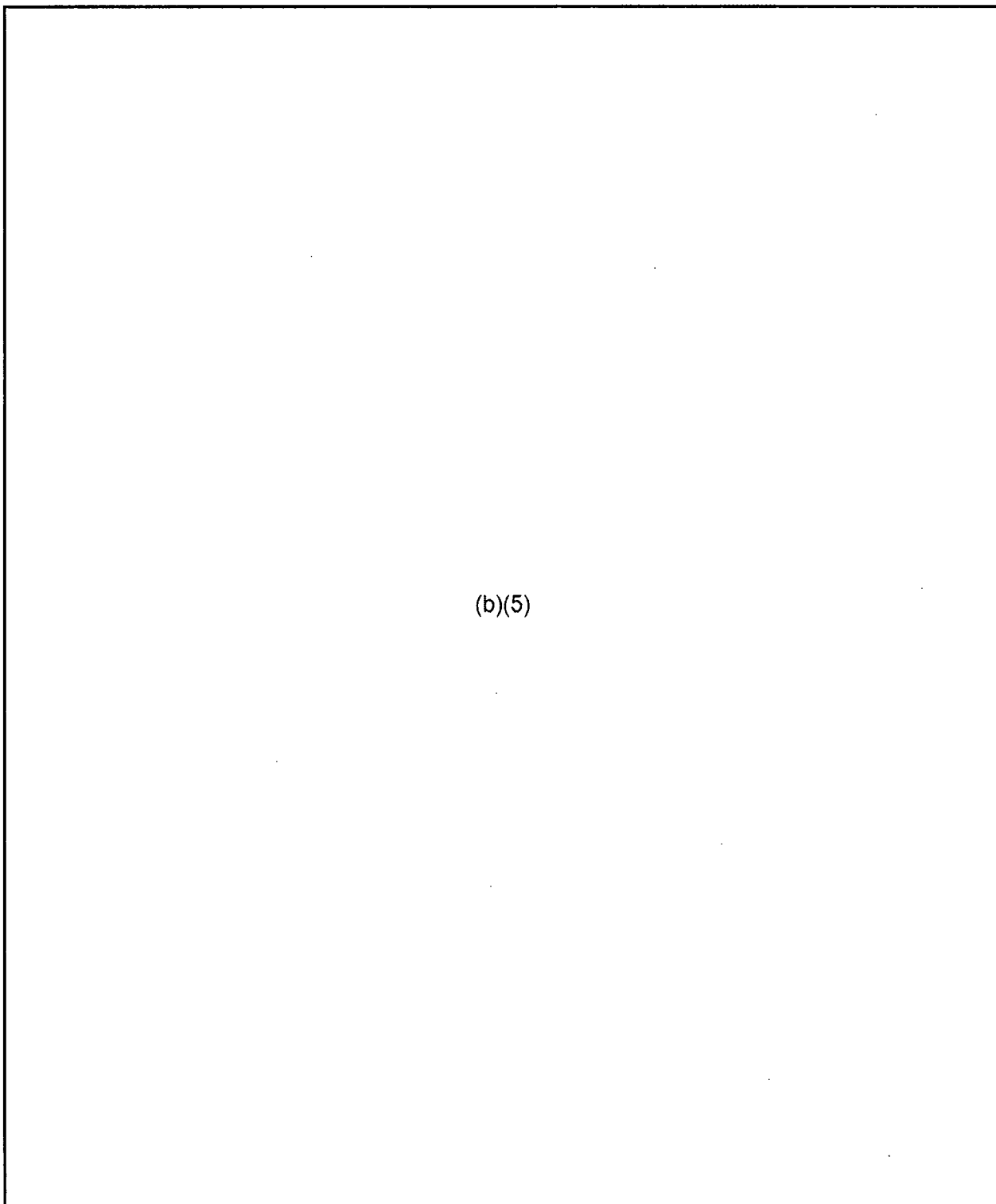
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~~SENSITIVE INTERNAL INFORMATION - NOT FOR PUBLIC RELEASE~~

(b)(5)

**Harrington, Holly**

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**From:** Brenner, Eliot  
**Sent:** Tuesday, September 09, 2014 1:09 PM  
**To:** Uselding, Lara; McIntyre, David; Burnell, Scott  
**Cc:** Harrington, Holly; Dricks, Victor  
**Subject:** RE: Public release of state report activities/timeline

(b)(5)

Eliot

**From:** Uselding, Lara  
**Sent:** Tuesday, September 09, 2014 12:43 PM  
**To:** Brenner, Eliot; McIntyre, David; Burnell, Scott  
**Cc:** Harrington, Holly; Dricks, Victor  
**Subject:** Public release of state report activities/timeline  
**Importance:** High

(b)(5)

Lara

**From:** Sebrosky, Joseph  
**Sent:** Tuesday, September 09, 2014 11:19 AM  
**To:** Markley, Michael; Munson, Clifford; Stovall, Scott; Kock, Andrea; Williams, Megan; Li, Yong; Oesterle, Eric  
**Cc:** Weil, Jenny; Manoly, Kamal; Lund, Louise; Dudek, Michael; Case, Michael; Burnell, Scott; Hay, Michael; Franovich, Mike; Whaley, Sheena; Bowman, Gregory; Bowen, Jeremy; Moreno, Angel; Balazik, Michael; Singal, Balwant; Farnholtz, Thomas; Kanatas, Catherine; Hipschman, Thomas; Reynoso, John; Ake, Jon; Folk, Kevin; DiFrancesco, Nicholas; Balazik, Michael; Reynoso, John; Hill, Brittain; Walker, Wayne; Uselding, Lara; Buchanan, Theresa; Keegan, Elaine; Jackson, Diane; Wittick, Brian; Harris, Brian; Roth(OGC), David; Kanatas, Catherine; OKeefe, Neil; Uhle, Jennifer; Lund, Louise  
**Subject:** info: status of public release of Diablo Canyon State of California report

To all,

Based on my discussions with Philippe Soenen of PG&E, PG&E is targeting the public release of the State of California report for 11:00 am Pacific time (2:00 pm eastern) on 9/10/14. PG&E intends to do the following:

- Issue an announcement
- Issue a press release
- Make the document publicly available on their website
- Provide a hard copy to the County
- Walk a copy of the report to us to be provided to the document control desk in accordance with 10 CFR 50.4 requirements

On a different note, Mike Markley, Eric Oesterle, and I briefed Jennifer Uhle on the status of Diablo seismic issues using the attached briefing sheet.

G5

**Harrington, Holly**

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**From:** Uselding, Lara  
**Sent:** Friday, September 05, 2014 10:01 AM  
**To:** Sebrosky, Joseph  
**Cc:** Burnell, Scott; Harrington, Holly; Brenner, Eliot; Dricks, Victor  
**Subject:** RE: question: who has the lead on the DPO communication plan and changes needed when DPO is released

(b)(5)

Lara

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**From:** Sebrosky, Joseph  
**Sent:** Friday, September 05, 2014 7:18 AM  
**To:** Oesterle, Eric; Singal, Balwant; Markley, Michael; Walker, Wayne; Uselding, Lara  
**Subject:** question: who has the lead on the DPO communication plan and changes needed when DPO is released

Mike, Eric, Balwant, Wayne, and Lara,

The purpose of this email is to inquire as to who has the headquarters lead on the DPO comm plan and adjustments to this comm plan that will be made to reflect when the DPO's panel's recommendations and the DPO appeal are made publicly available?

It is my current understanding that the DPO panel's response and the DPO appeal decision maybe made publicly available next week. Although independent of the public release of the State of California report, the two issues are sure to be tied together in questions to the NRC.

I understand that I have the headquarters lead to work with the Region on the draft communication plan for the State of California report (which will be adjusted on 9/9 based on our quick look at the report).

Who has the lead for making changes to the DPO communication plan to reflect questions that we may get after the DPO panel's recommendation and DPO appeal decision are made publicly available? A second related question is whether or not the DPO comm plan or the State of California comm plan will address the following question:

Would the DPO panel's conclusions or the DPO appeal decision change based on the new seismic information found in the State of California report?

Any insights would be appreciated.

Thanks,

Joe

## Harrington, Holly

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**From:** Uselding, Lara  
**Sent:** Friday, September 05, 2014 2:25 PM  
**To:** McIntyre, David; Harrington, Holly  
**Subject:** RE: cAN YOU PLEASE SEND DAVE THE LATEST COMM PLAN?

Yes, this is our life

---

**From:** McIntyre, David  
**Sent:** Friday, September 05, 2014 1:25 PM  
**To:** Uselding, Lara; Harrington, Holly  
**Subject:** FW: cAN YOU PLEASE SEND DAVE THE LATEST COMM PLAN?

Yeesh.

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**From:** Markley, Michael  
**Sent:** Friday, September 05, 2014 2:22 PM  
**To:** McIntyre, David  
**Subject:** RE: cAN YOU PLEASE SEND DAVE THE LATEST COMM PLAN?

Okay, thanks!

---

**From:** McIntyre, David  
**Sent:** Friday, September 05, 2014 2:18 PM  
**To:** Markley, Michael; Oesterle, Eric  
**Cc:** Walker, Wayne; Wertz, Trent; Singal, Balwant; Lyon, Fred; Sebrosky, Joseph; Walker, Wayne; Burnell, Scott; Alexander, Ryan; Uselding, Lara; Burnell, Scott; Pedersen, Renee; Lund, Louise  
**Subject:** RE: cAN YOU PLEASE SEND DAVE THE LATEST COMM PLAN?

Mike, Joe, et al – the Comm Plan was NOT given to the Commission. This was one of those “hair on fire” things that went like this:

1. I was asked by the Chairman's COS to prepare talking points on the Foreign Ownership SECY in time for him to present to other COSs at 1030.
2. At 1015, Chairman's COS asks me to attend the 1030 “and bring the Diablo DPO Comm Plan”
3. I call Lara, who sends the urgent request to you guys.
4. I get several documents and print out a pile at 1028 and rush upstairs.
5. The other COS don't want to see the Comm Plans. I mentioned that it was in draft and would be updated after staff is briefed on the CA seismic study and sees EDO's letter on the DPO decision. Everyone was satisfied, and I brought the stack of papers back downstairs with me.

So please pretend that all this never happened and do what you intended to do all along.

And thanks for your help! ☺

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**From:** Markley, Michael  
**Sent:** Friday, September 05, 2014 2:05 PM  
**To:** Oesterle, Eric  
**Cc:** Walker, Wayne; Wertz, Trent; Singal, Balwant; Lyon, Fred; Sebrosky, Joseph; Walker, Wayne; Burnell, Scott; Alexander, Ryan; Uselding, Lara; Burnell, Scott; Pedersen, Renee; McIntyre, David; Lund,



Louise

**Subject:** FW: CAN YOU PLEASE SEND DAVE THE LATEST COMM PLAN?

Eric,

Joe raises a worthy point. Since the RIV Communications Plan is now with the Commission, it makes no sense for us to finalize the communications plan we had in process. Our task on Monday will be to update the DPO portion of what is already out there with insights from the DPO case file. We will need to get that incorporated and routed quickly so that it is ready to use when the appeal is issued.

Likewise, once we have access to the AB1632 report, we will need to update that section as well.

Mike

---

**From:** Sebrosky, Joseph

**Sent:** Friday, September 05, 2014 1:10 PM

**To:** Markley, Michael; Oesterle, Eric

**Cc:** Singal, Balwant

**Subject:** RE: CAN YOU PLEASE SEND DAVE THE LATEST COMM PLAN?

Mike and Eric,

If you look at the email chain below you will see that the attached pdf version of RIV's Diablo Canyon communication plan has been provided to the Chairman's staff (Phillip Niedzielski-Eichner) with the caution that the DPO portion and the State of California report section is to be updated.

I will call you at 1:30 in Mike's office to discuss this and other things.

Thanks,

Joe

---

**From:** McIntyre, David

**Sent:** Friday, September 05, 2014 10:41 AM

**To:** Alexander, Ryan

**Cc:** Uselding, Lara; McIntyre, David; Sebrosky, Joseph; Walker, Wayne; Buchanan, Theresa

**Subject:** RE: CAN YOU PLEASE SEND DAVE THE LATEST COMM PLAN?

Understood. Thanks!

Sent via My Workspace for iOS

On Friday, September 5, 2014 at 10:34:55 AM, "Alexander, Ryan" <[Ryan.Alexander@nrc.gov](mailto:Ryan.Alexander@nrc.gov)> wrote:

David:

Per your request of Lara, attached is the current "best version" of the DCPD Comm Plan.

HOWEVER, please note:

(1) The section on AB-1632 California Report is only a limited strawman pending input from Joe Sebrosky (NRR) on Tuesday, 9/9 following the staff's initial review of the AB-1632 report (limited availability on 9/8).

(2) The Non-Concurrences/DPO section is only updated to the point knowing that the DPO is still in process without any additional information regarding what the DPO Panel's/NRR Director's conclusions were.

RIV (with NRR's input) plans to put the Comm Plan into concurrence on or about 9/9 so that this document can finally be formalized and available on the OEDO Comm Plan website.

Please contact Wayne Walker (RIV DRP BC for DCPD – Office: 817-200-1148) with any questions.

Thank you,

**Ryan D. Alexander**

*Senior Project Engineer*

NRC Region IV, Div. of Reactor Projects, Branch A

Office: (817) 200-1195

Cell: (b)(6)



Please consider the environment before printing this e-mail.

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**From:** Uselding, Lara  
**Sent:** Friday, September 05, 2014 9:15 AM  
**To:** Sebrosky, Joseph; McIntyre, David; Walker, Wayne; Alexander, Ryan  
**Subject:** Joe: CAN YOU PLEASE SEND DAVE THE LATEST COMM PLAN?  
**Importance:** High

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**From:** McIntyre, David  
**Sent:** Friday, September 05, 2014 9:11 AM  
**To:** Uselding, Lara  
**Subject:** Diablo DPO

Lara – can you help with this?

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**From:** Niedzielski-Eichner, Phillip  
**Sent:** Friday, September 05, 2014 10:10 AM  
**To:** McIntyre, David  
**Subject:** RE: REVISED FOCD Talking Points

One additional question...is there a Com Plan for Diablo Canyon?

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**From:** Niedzielski-Eichner, Phillip  
**Sent:** Friday, September 05, 2014 10:09 AM  
**To:** McIntyre, David  
**Subject:** RE: REVISED FOCD Talking Points

Dave...will we have talking points for the Diablo Canyon DPO? Are you planning to join us at 10:30 am? Thanks. Phil

---

**From:** McIntyre, David  
**Sent:** Friday, September 05, 2014 10:04 AM

**To:** Niedzielski-Eichner, Phillip

**Cc:** Dorman, Dan; Howe, Allen; Layton, Michael; Mizuno, Beth; Dusaniwskyj, Michael; Simmons, Anneliese; Morris, Scott; Galloway, Melanie; Uhle, Jennifer; Burnell, Scott; Harrington, Holly; Brenner, Eliot; Vietti-Cook, Annette; Schwartzman, Jennifer

**Subject:** REVISED FOCD Talking Points

**Importance:** High

Phil – Attached are revised talking points on the FOCD SECY paper, for your use in this morning's COS meeting. These incorporate edits and comments from NRR (Scott Morris) and OGC (Ed Williamson).

Dave

**Harrington, Holly**

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**From:** Uselding, Lara  
**Sent:** Tuesday, August 26, 2014 3:17 PM  
**To:** Brenner, Eliot; Harrington, Holly; Burnell, Scott  
**Subject:** Update

(b)(5)

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

**From:** Hipschman, Thomas  
**Sent:** Tuesday, August 26, 2014 2:12 PM  
**To:** Sebrosky, Joseph; Markley, Michael; Oesterle, Eric; Kanatas, Catherine; Reynoso, John; Manoly, Kamal; Ake, Jon; Munson, Clifford; OKeefe, Neil; Folk, Kevin; Wrona, David; DiFrancesco, Nicholas; Balazik, Michael; Reynoso, John; Singal, Balwant; Hill, Brittain; Walker, Wayne; Uselding, Lara; Lyon, Fred  
**Cc:** Weil, Jenny; Li, Yong; Manoly, Kamal; Lund, Louise; Dudek, Michael; Case, Michael; Burnell, Scott  
**Subject:** RE: action: request for feedback on Diablo Canyon communication plan associate with State of California seismic report

The licensee stated they are now looking at September 9 or 10 for the release of the report, and stakeholder outreach the day before.

Tom

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

**From:** Sebrosky, Joseph  
**Sent:** Tuesday, August 26, 2014 10:25 AM  
**To:** Markley, Michael; Oesterle, Eric; Kanatas, Catherine; Hipschman, Thomas; Reynoso, John; Manoly, Kamal; Ake, Jon; Munson, Clifford; OKeefe, Neil; Folk, Kevin; Wrona, David; DiFrancesco, Nicholas; Balazik, Michael; Hipschman, Thomas; Reynoso, John; Singal, Balwant; Hill, Brittain; Walker, Wayne; Uselding, Lara; Lyon, Fred  
**Cc:** Weil, Jenny; Li, Yong; Manoly, Kamal; Lund, Louise; Dudek, Michael; Case, Michael; Burnell, Scott  
**Subject:** action: request for feedback on Diablo Canyon communication plan associate with State of California seismic report

To all,

The purpose of this email is to request your comments on the attached draft communication plan associated with PG&E's pending release of a report to the State of California related to seismic issues. PG&E has indicated to the staff that the report will include an updated evaluation of the Shoreline Fault and concludes that the Shoreline Fault is more capable than assumed in PG&E 2011 report that was provided to the NRC.

Comments from Jon Ake, Britt Hill would be appreciated by noon tomorrow. I will incorporate their comments and provided the product to the Region IV by COB tomorrow. (Britt I tried to capture some of your comments that you have provided and also some verbal comments that Jon provided me)

I understand that Tom Hipschman will talk to PG&E to confirm when they intend to issue the report to the State of California. PG&E previously indicated that it would be between 8/28 and 9/8. Tom believes that PG&E is now leaning towards issuing the report on 9/8 or 9/9. Once Tom confirms the target date for issuance of the report, the folks on distribution for this email will be informed.

Please let me know if you have any questions. I will be working with DORL and the JLD to coordinate headquarters review of the communication plan.

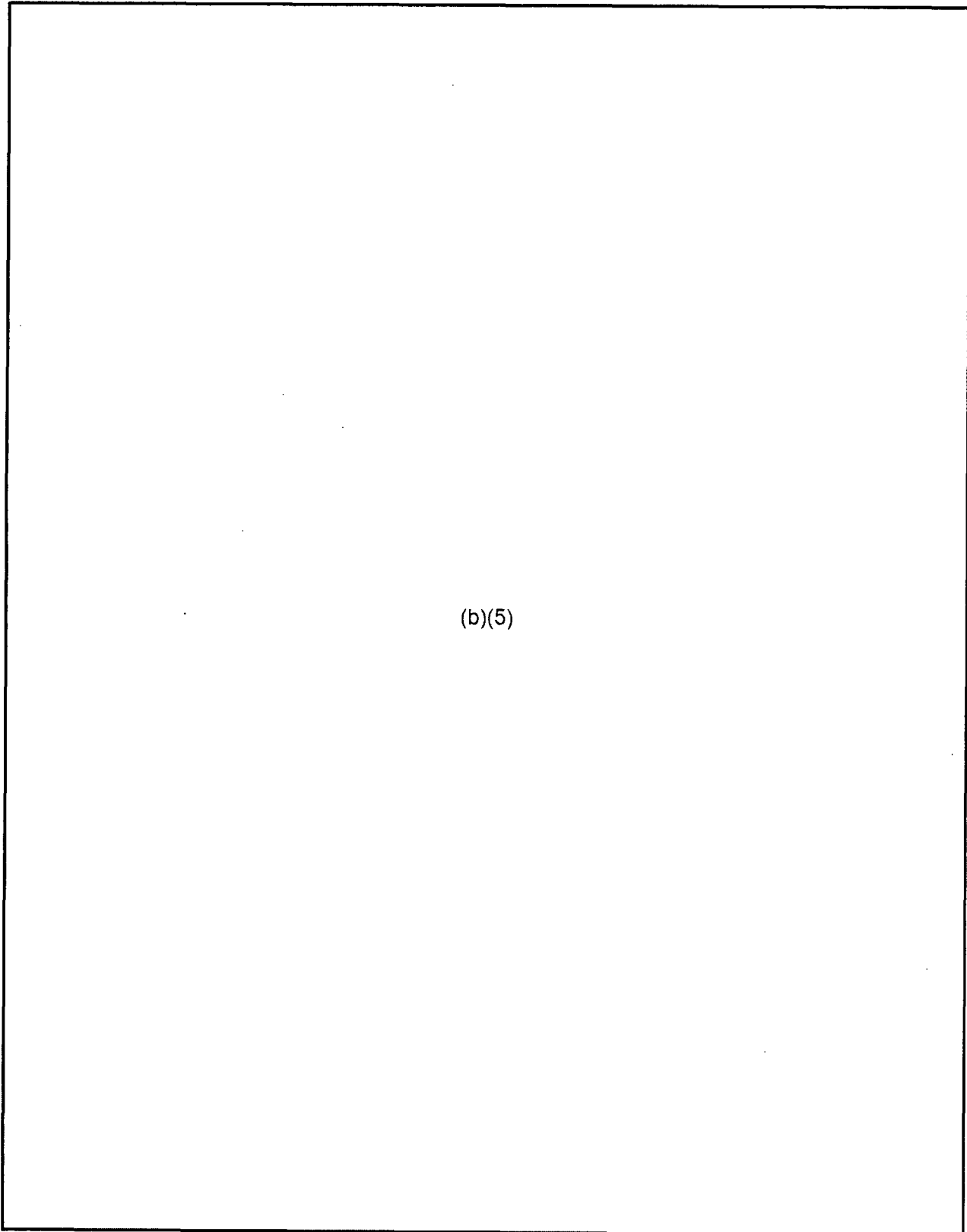
Thanks,

Joe Sebrosky  
Senior Project Manager  
Japan Lessons-Learned Division  
Office of Nuclear Reactor Regulation  
[joseph.sebrosky@nrc.gov](mailto:joseph.sebrosky@nrc.gov)  
301-415-1132

(b)(5)

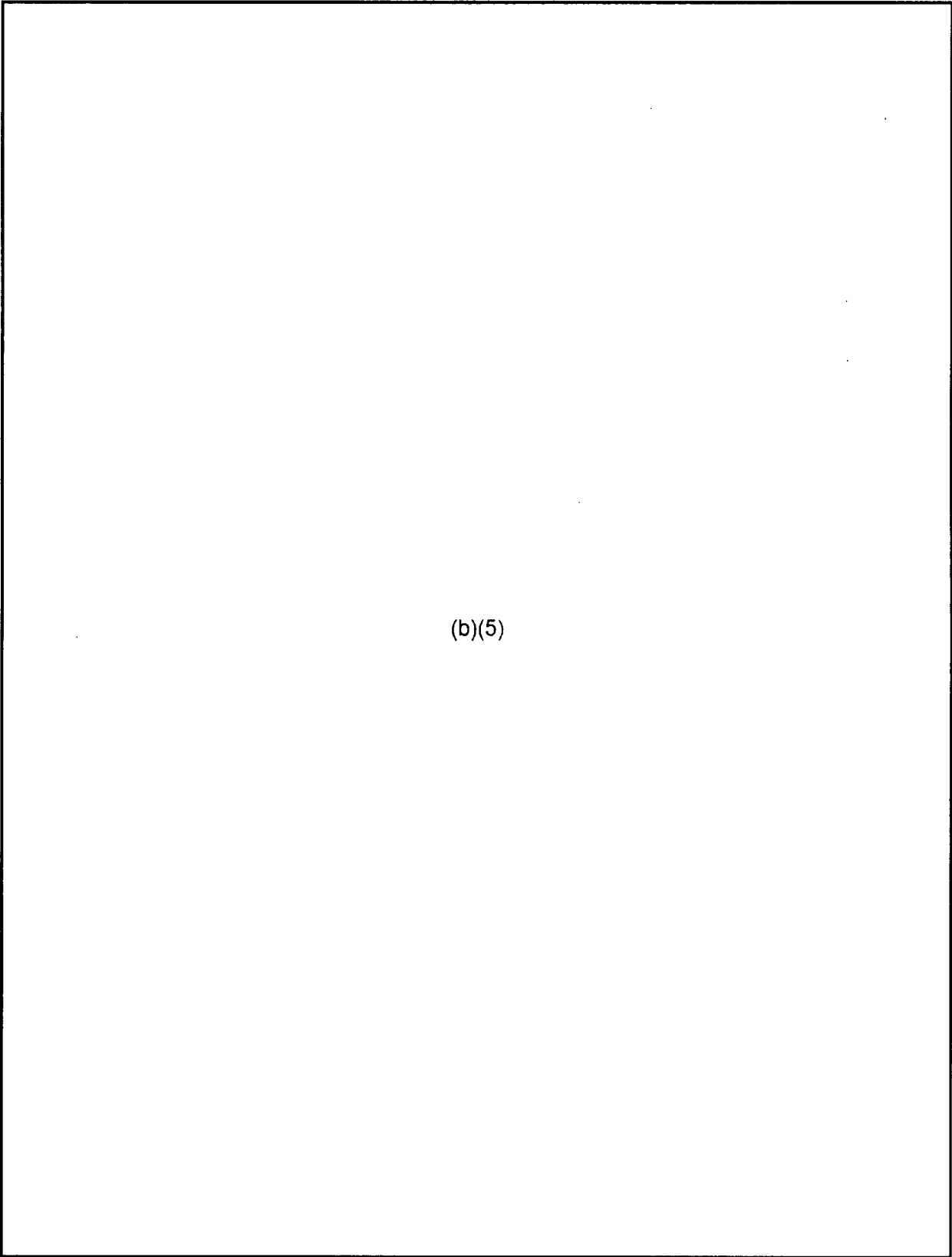
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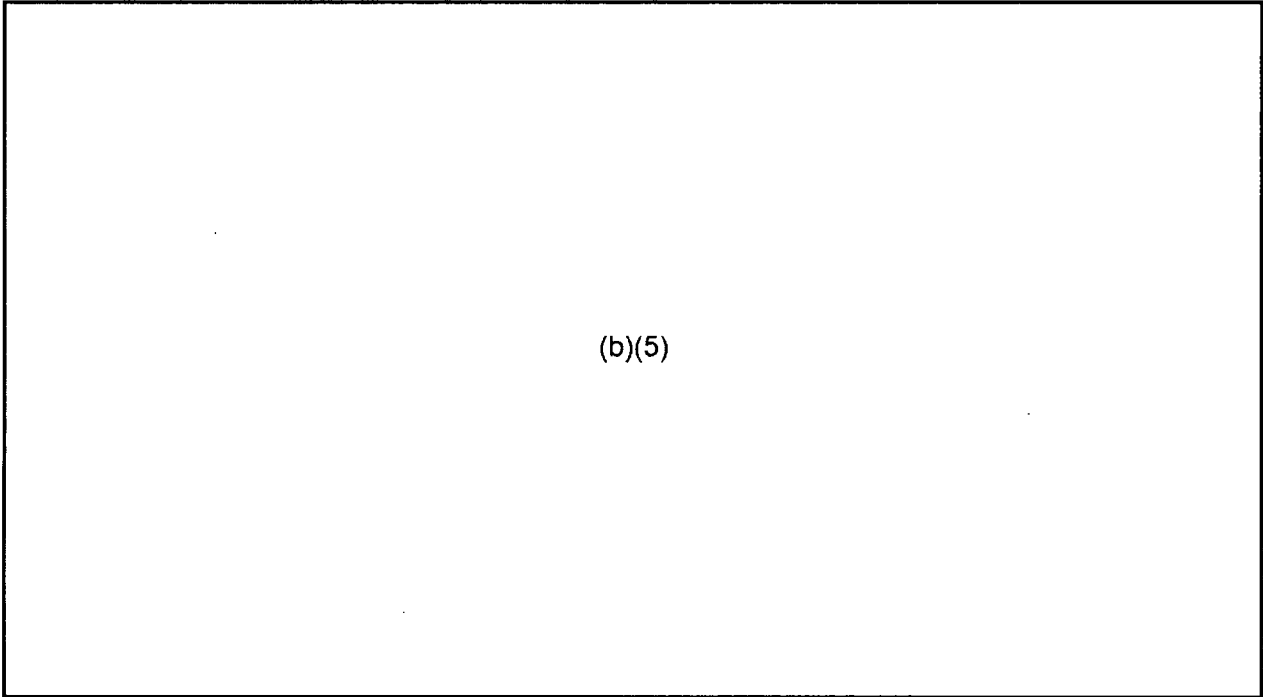


(b)(5)





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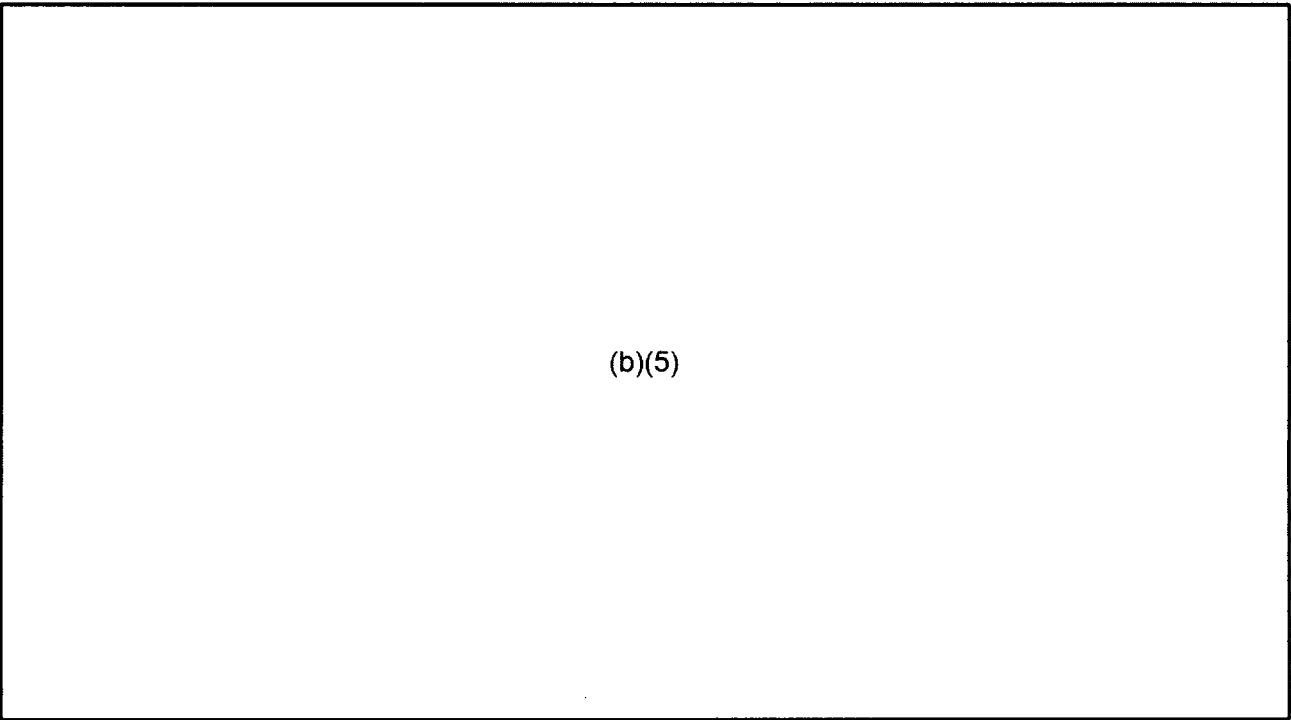
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**From:** Sebrosky, Joseph  
**Sent:** Tuesday, September 16, 2014 11:23 AM  
**To:** Buchanan, Theresa  
**Cc:** Alexander, Ryan; Walker, Wayne; Hipschman, Thomas; Uselding, Lara; Maier, Bill; Williams, Megan; Oesterle, Eric; Singal, Balwant; Moreno, Angel; Markley, Michael  
**Subject:** FW: Diablo Canyon Topics of Interest Communication Plan review and concurrence  
**Attachments:** Updated Memo Req Concurrence on Rev 0.docx; Diablo Communication Plan - Rev 0 (9-11-14).docx

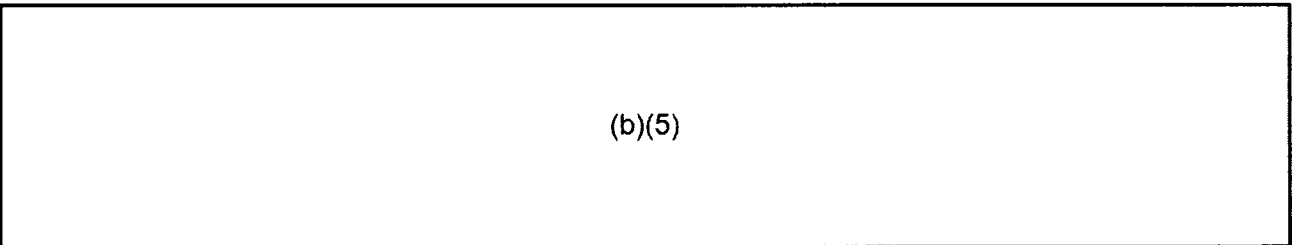
Theresa,

I concur on the communication plan with the understanding that the following major comments will be resolved:

Major Comments

-  (b)(5)
- 

Minor comments

-  (b)(5)
- 
- 

Let me know if you have any questions or if I am missing something.

Thanks,

Joe

**From:** Buchanan, Theresa  
**Sent:** Thursday, September 11, 2014 2:53 PM  
**To:** Sebrosky, Joseph  
**Subject:** FW: Diablo Canyon Topics of Interest Communication Plan review and concurrence

**From:** Buchanan, Theresa  
**Sent:** Thursday, September 11, 2014 1:20 PM  
**To:** Alexander, Ryan; Walker, Wayne; Pruett, Troy; Hay, Michael; Hipschman, Thomas; Uselding, Lara; Maier, Bill; Williams, Megan; Oesterle, Eric; Singal, Balwant; Moreno, Angel  
**Subject:** Diablo Canyon Topics of Interest Communication Plan review and concurrence

Hello,

You are all listed on the attached memo for concurrence on the also attached Diablo Canyon "overall" communication plan. Because this communication plan was extensively reviewed and commented upon back in March, I am asking that you do a review of only the significant changes, specifically associated with the AB 1632 report, DPO, and Sewell report sections. Each section can be reached from the table of contents on page 8. Since both the AB-1632 and DPO sections are excerpted from their own reviewed and approved communication plans, I am asking for you to review and comment within the next few days so that I can get this communication plan issued the beginning of next week. I realize that is short turnaround, but as I said, the majority of this document has already been reviewed, commented upon, and comments incorporated.

Thank you for your timely response to this short turnaround item.

Theresa Buchanan  
Senior Project Engineer  
RIV DRP Branch A  
817-200-1503



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
1600 E. LAMAR BLVD.  
ARLINGTON, TX 76011-4511

September 11, 2014

MEMORANDUM TO: Wayne Walker, Chief  
Division of Reactor Projects, Branch A

FROM: Multiple Addressees, as listed below

SUBJECT: COMMUNICATIONS PLAN – DIABLO CANYON POWER PLANT  
TOPICS OF INTEREST

The purpose of this memo is to transmit and request comments/concurrence on the enclosed Communications Plan for Diablo Canyon Power Plant (DCPP). The enclosed document is based on several iterations of informal communication plans, Q&A documents, and responses to congressional questions developed primarily by Region IV, NRR, OPA, and OCA over the last several years.

This communication plan describes the methods and resources that NRC staff will use to communicate with internal and external stakeholders regarding the DCPP seismic history and ongoing seismic evaluations being conducted in response to the Japan Lessons Learned Near-Term Task Force recommendations. Additionally, as applicable to current issues of interest to DCPP stakeholders, this communications plan integrates key messages related to spent fuel/dry cask storage and waste confidence issues (primarily by referencing other active communication plans).

This revision also incorporates Q&As for the most recent issues of concern including the licensee's AB-1632 Report to the State of California and the "Sewell Report."

Once finalized, the Communications Plan will be posted on the OEDO Communications website for use by the communications team and more broadly across the agency as necessary.

Most of those on concurrence have each provided significant input to iterations of this document (or documents from which this Plan was developed). As such, we are **requesting your review/comments/concurrence in the next few days (due by COB, Monday, September 15)**. Please forward your comments/concurrence on the document to Theresa Buchanan ([Theresa.Buchanan@nrc.gov](mailto:Theresa.Buchanan@nrc.gov) and/or ph: (817) 200-1503) of my staff.

The concurrence block noted on the next page will be used to document your concurrence on the enclosed Communications Plan.

Enclosure:  
As stated

Multiple Addressees

The individuals whose concurrence is requested for this Communications Plan are:

- T. Pruett, Acting Division Director, RIV/DRP
- M. Hay, Acting Deputy Division Director, RIV/DRP
- W. Walker, Chief, RIV/DRP/RPB-A
- T. Hipschman, Sr. Resident Inspector, RIV/DRP/RPB-A
- L. Uselding, RIV/OPA
- W. Maier, RIV/RSLO
- M. Williams, RIV/DRS/EB1
- E. Oesterle, Acting Chief, NRR/DORL/LPL-IV-1
- B. Singal, Senior Project Manager, NRR/DORL/LPL-IV-1
- A. Moreno, OCA

RIV/DRP/A	RIV/DRP/A	RIV/DRP/A	RIV/DRP/A	RIV/OPA
RAlexander	TBuchanan	THipschman	WWalker	LUselding
09/ /2014	09/ /2014	/ /2014	/ /2014	/ /2014
RIV/RSLO	RIV/DRS/EB1	NRR/DORL/LPL-IV-1	NRR/DORL/LPL-IV-1	NRR/JLD
WMaier	MWilliams	BSingal	EOesterle	JSebrosky
/ /2014	/ /2014	/ /2014	/ /2014	/ /2014
OCA	RIV/DRP	RIV/DRP		
AMoreno	MHay	TPruett		
/ /2014	/ /2014	/ /2014		

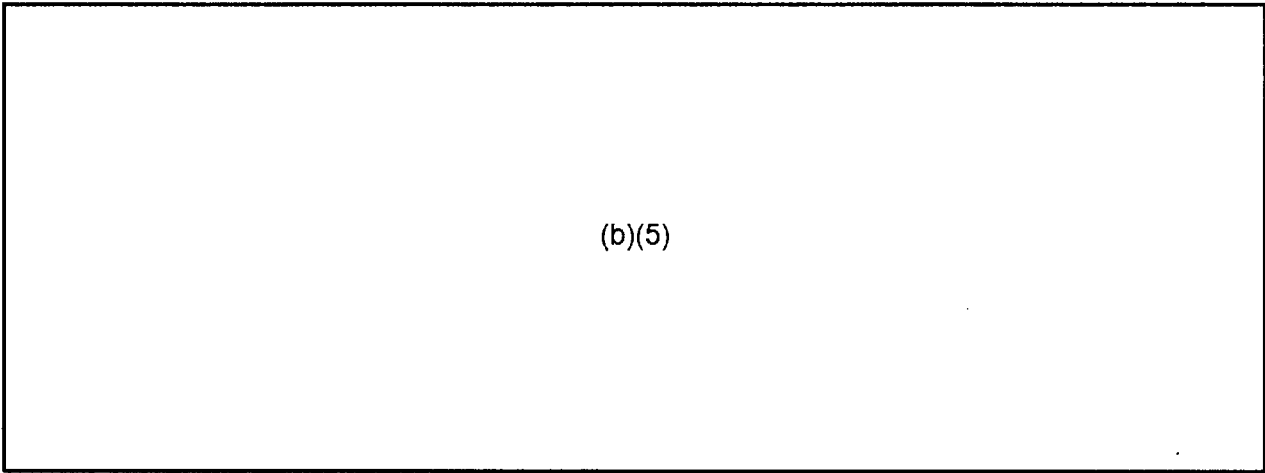
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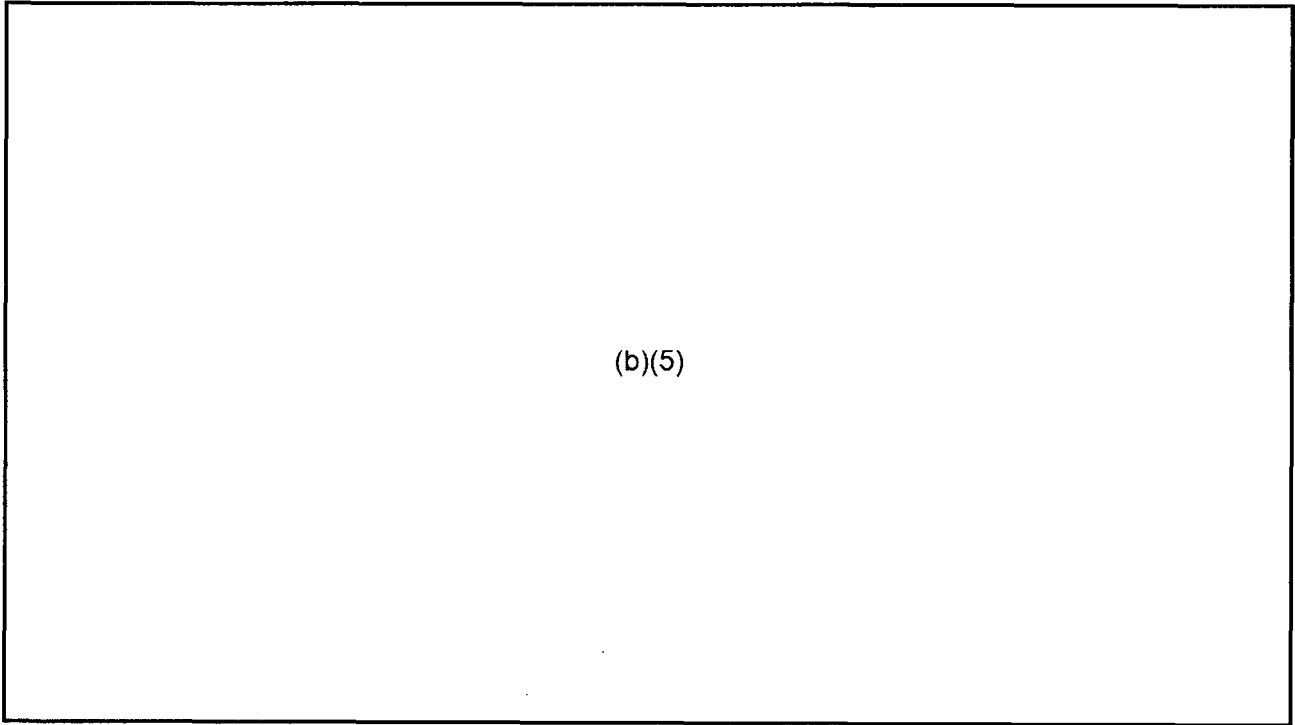
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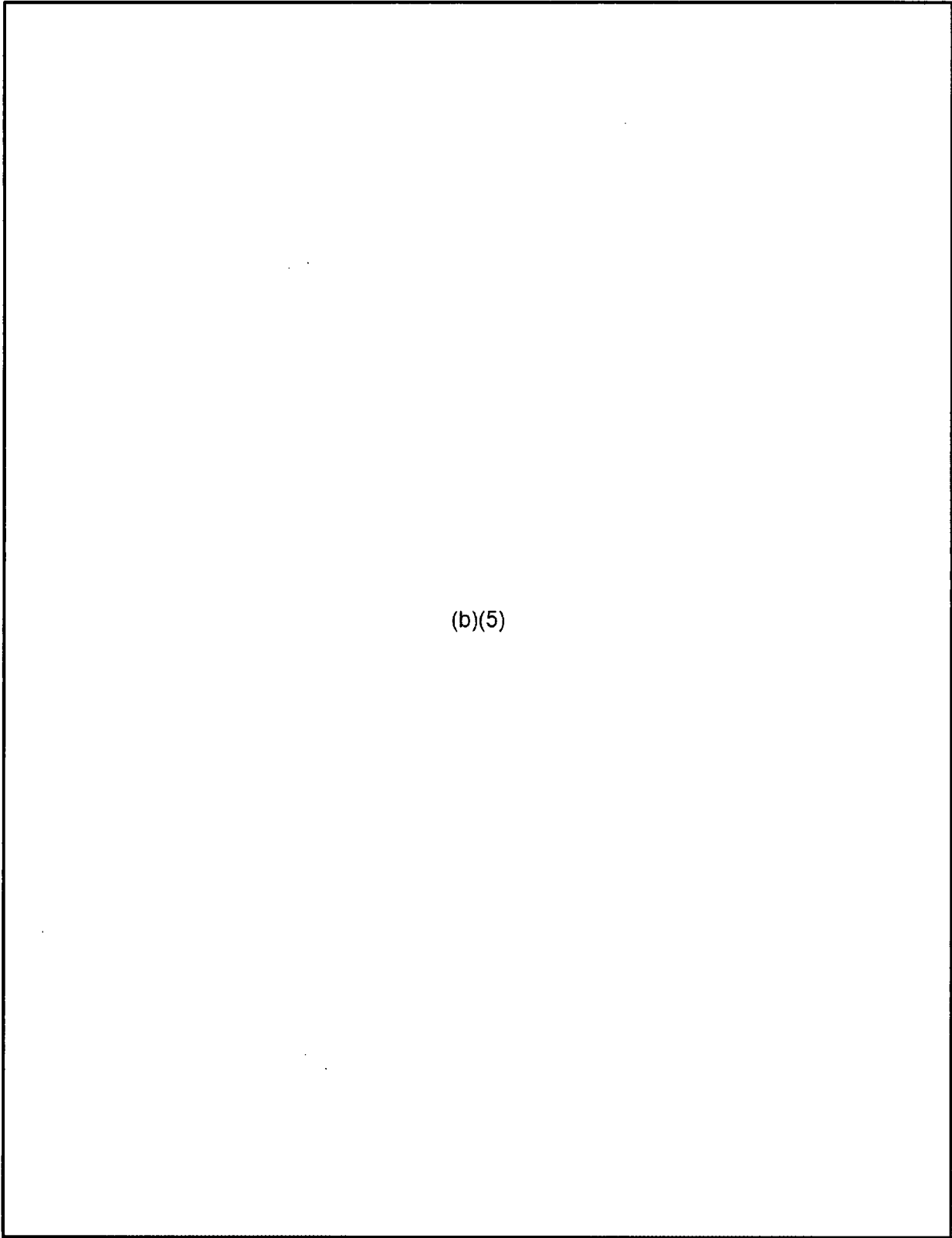
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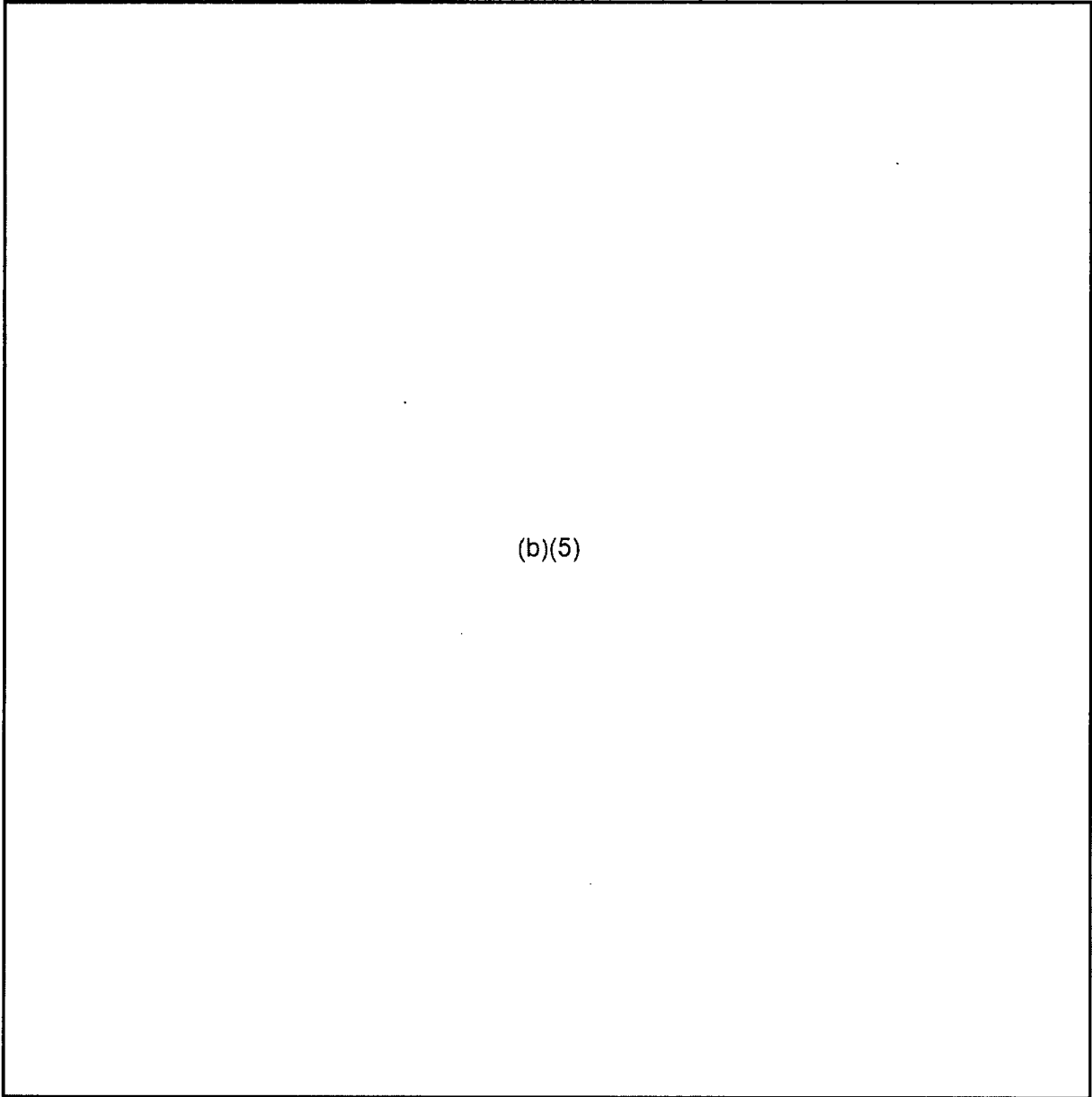
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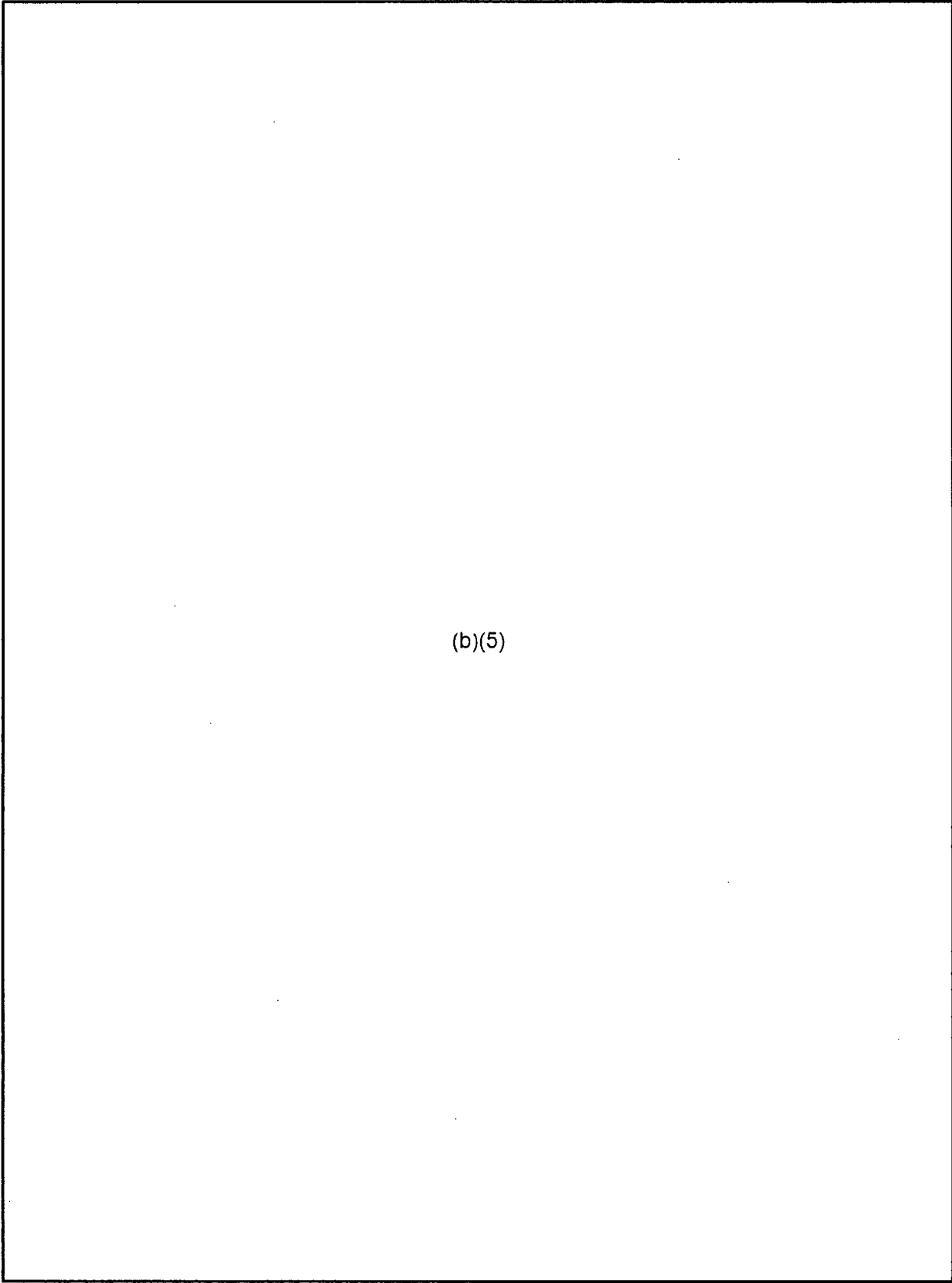


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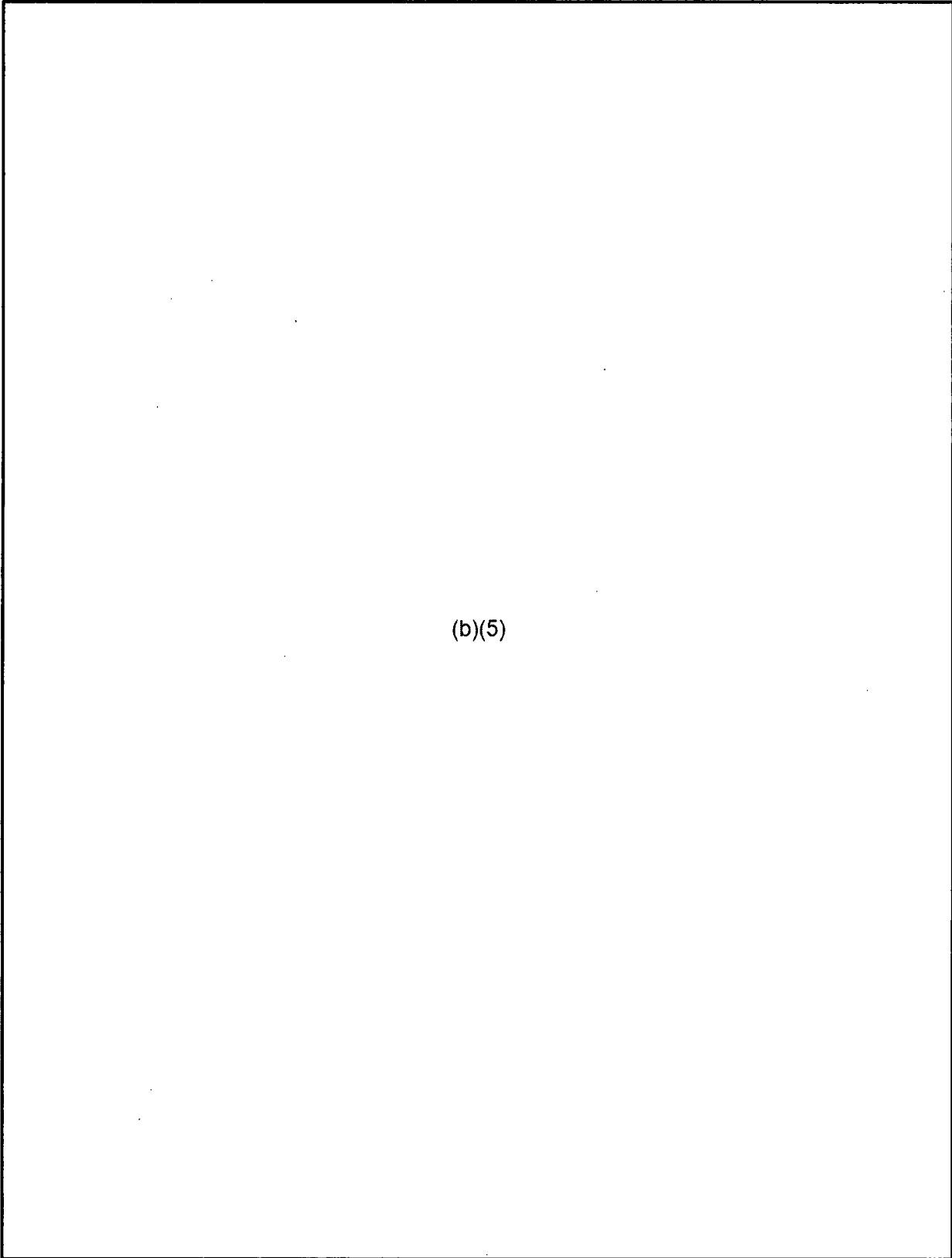
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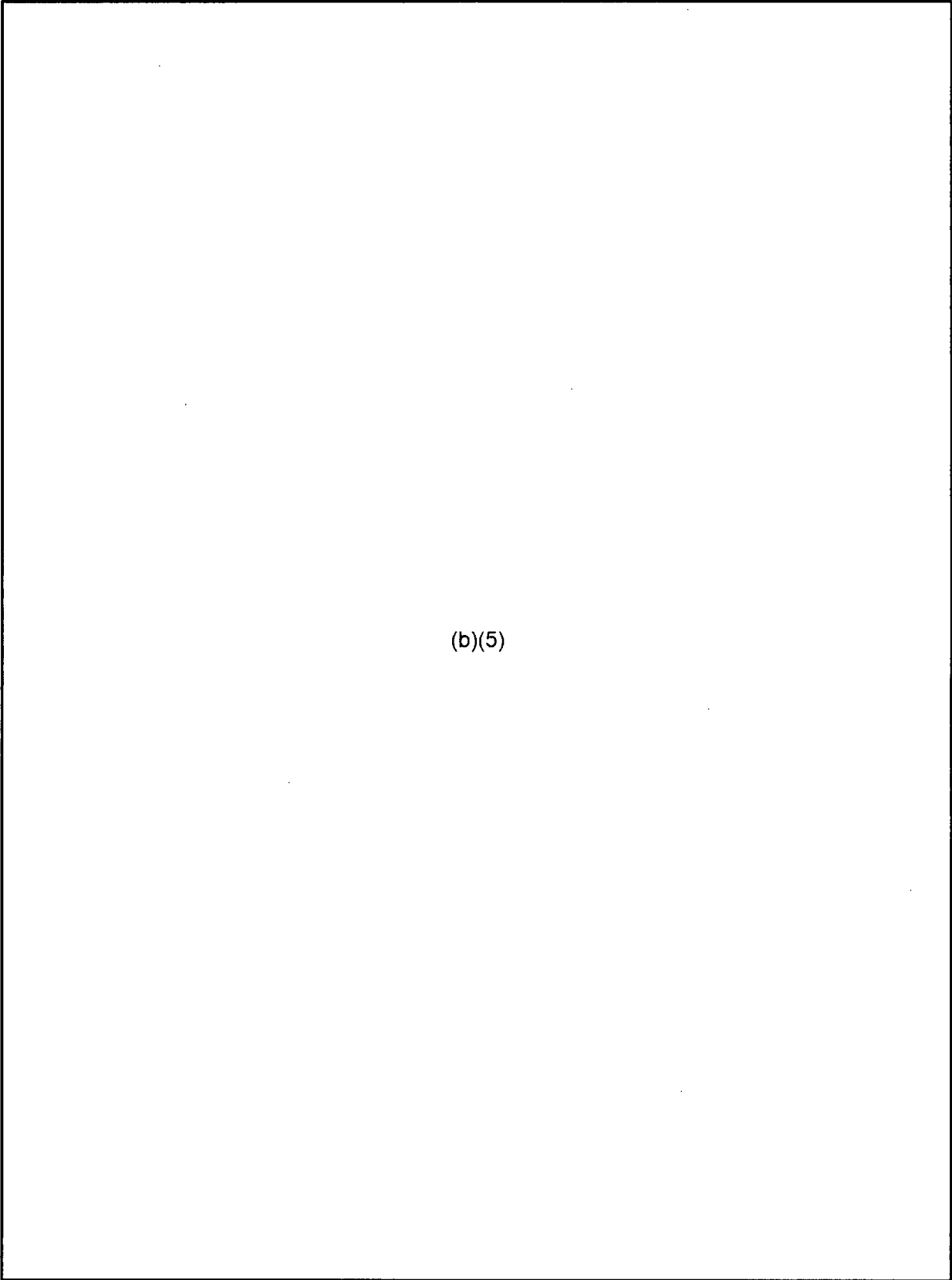
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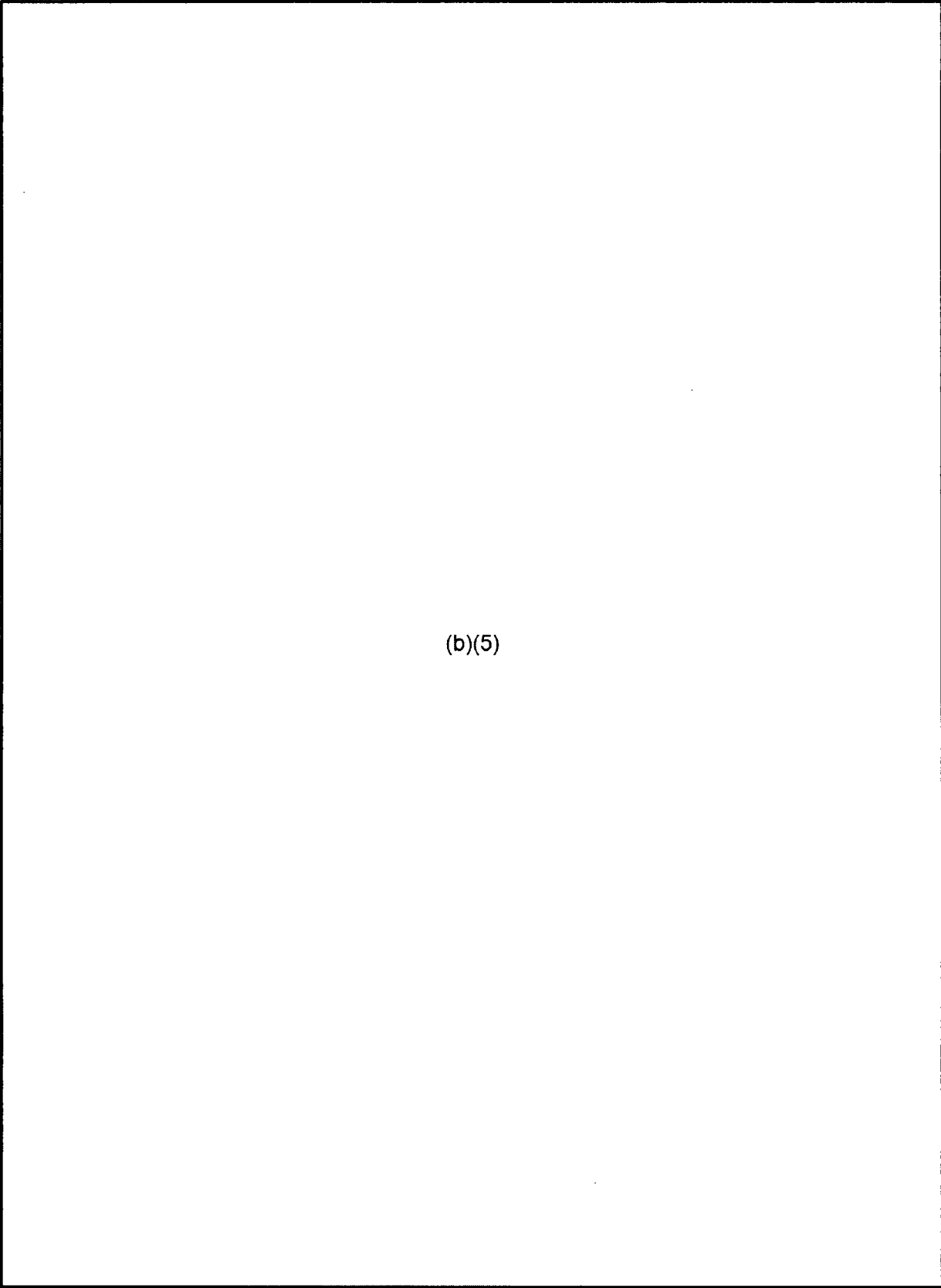
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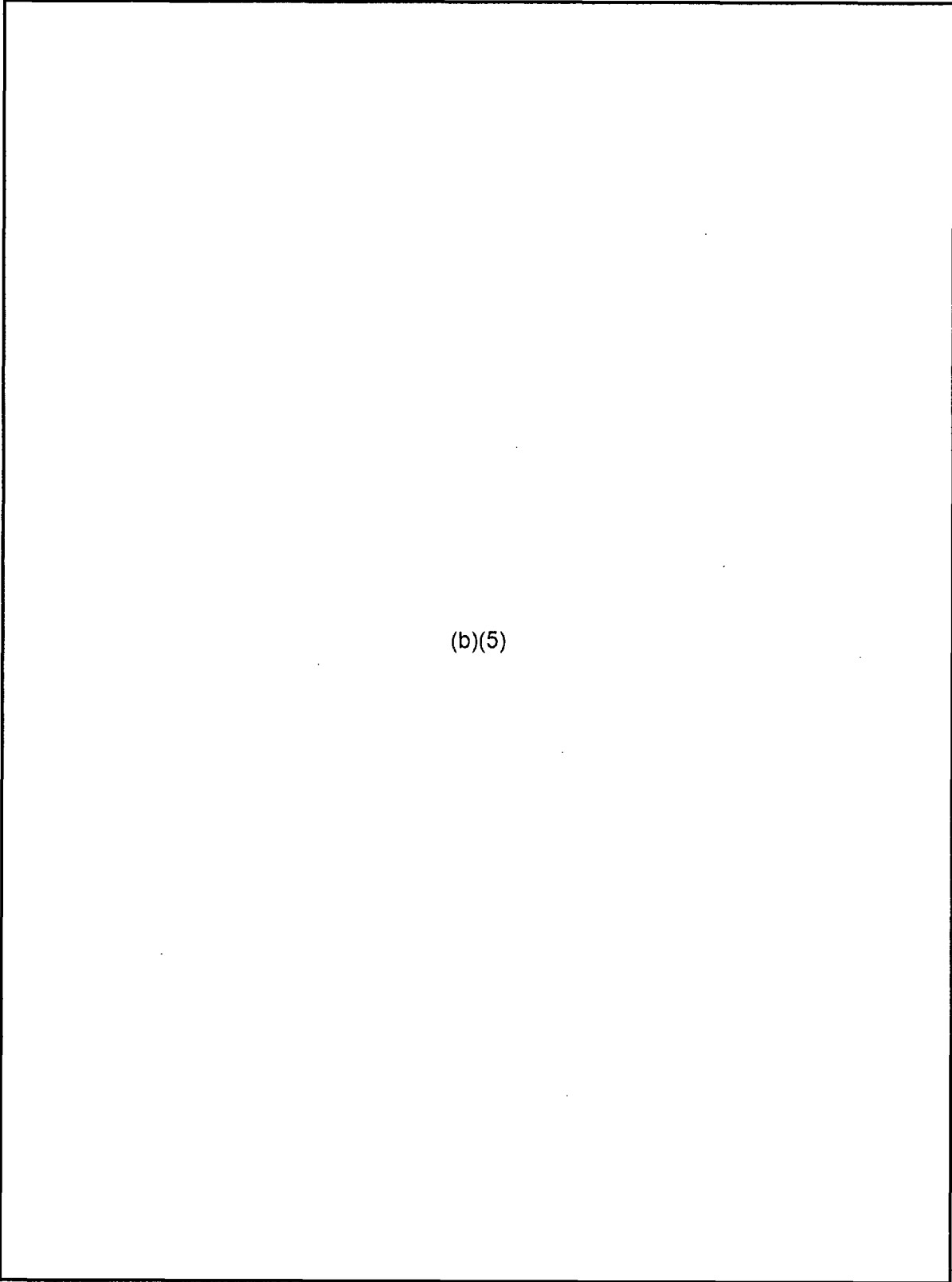


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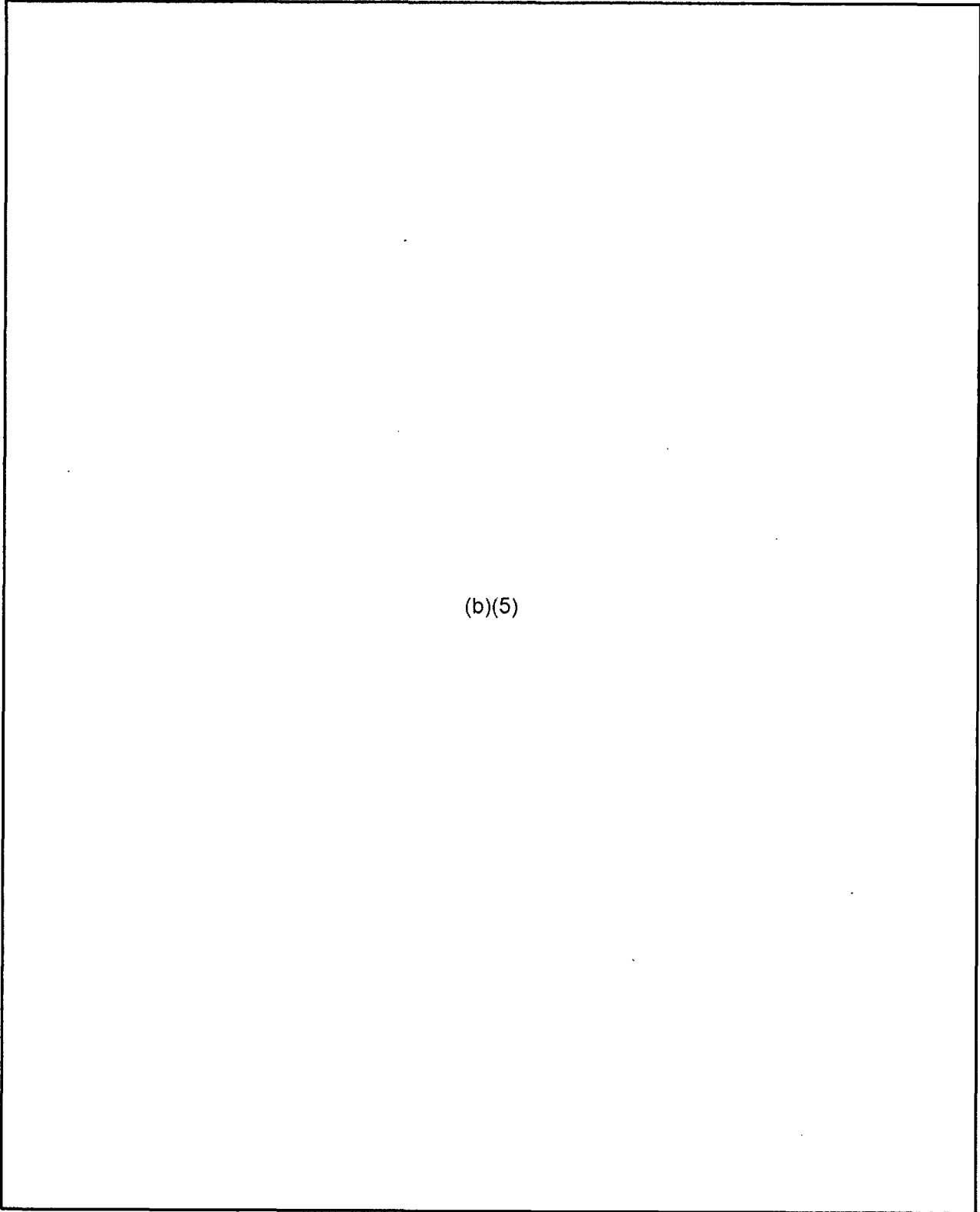
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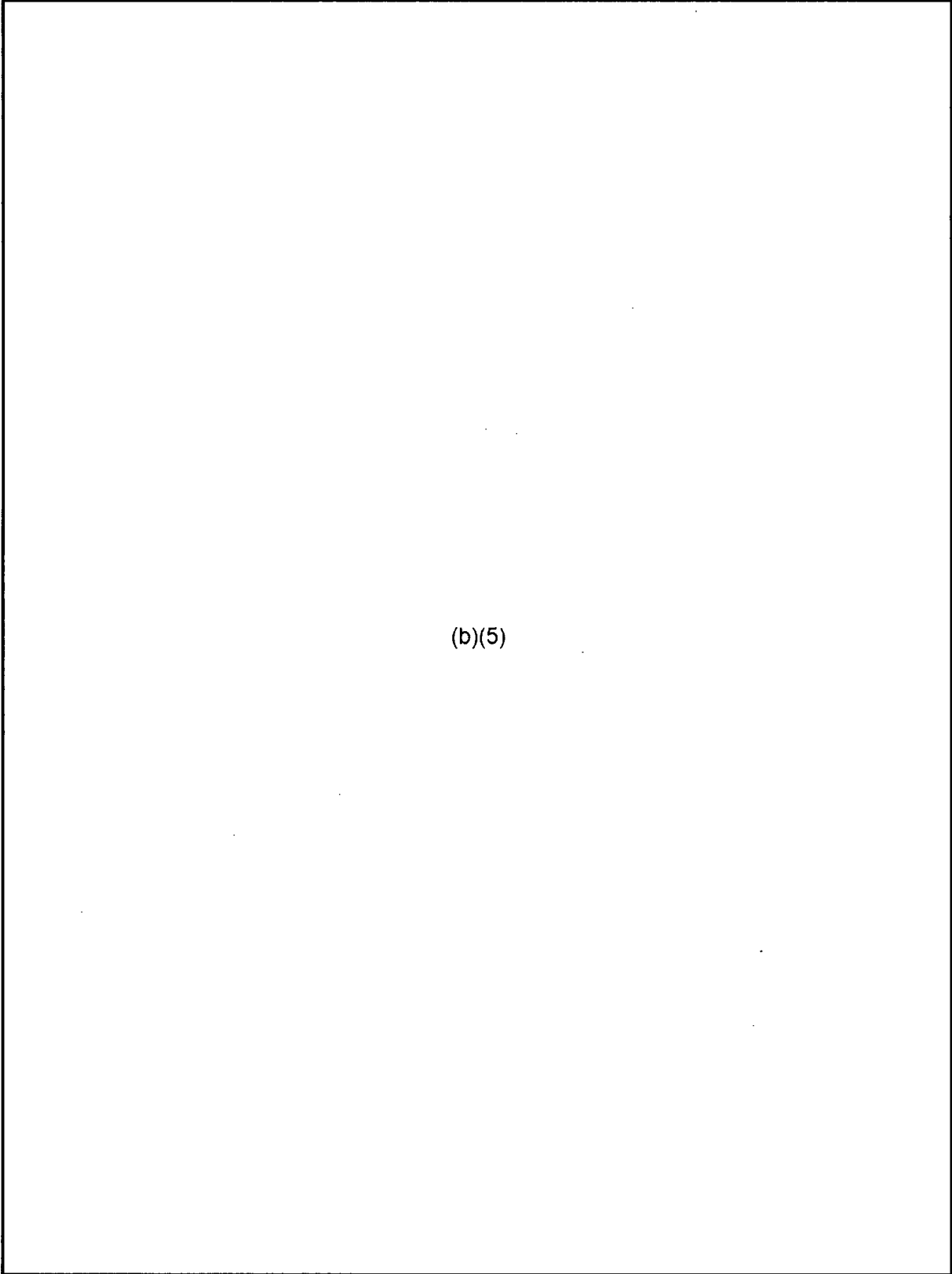
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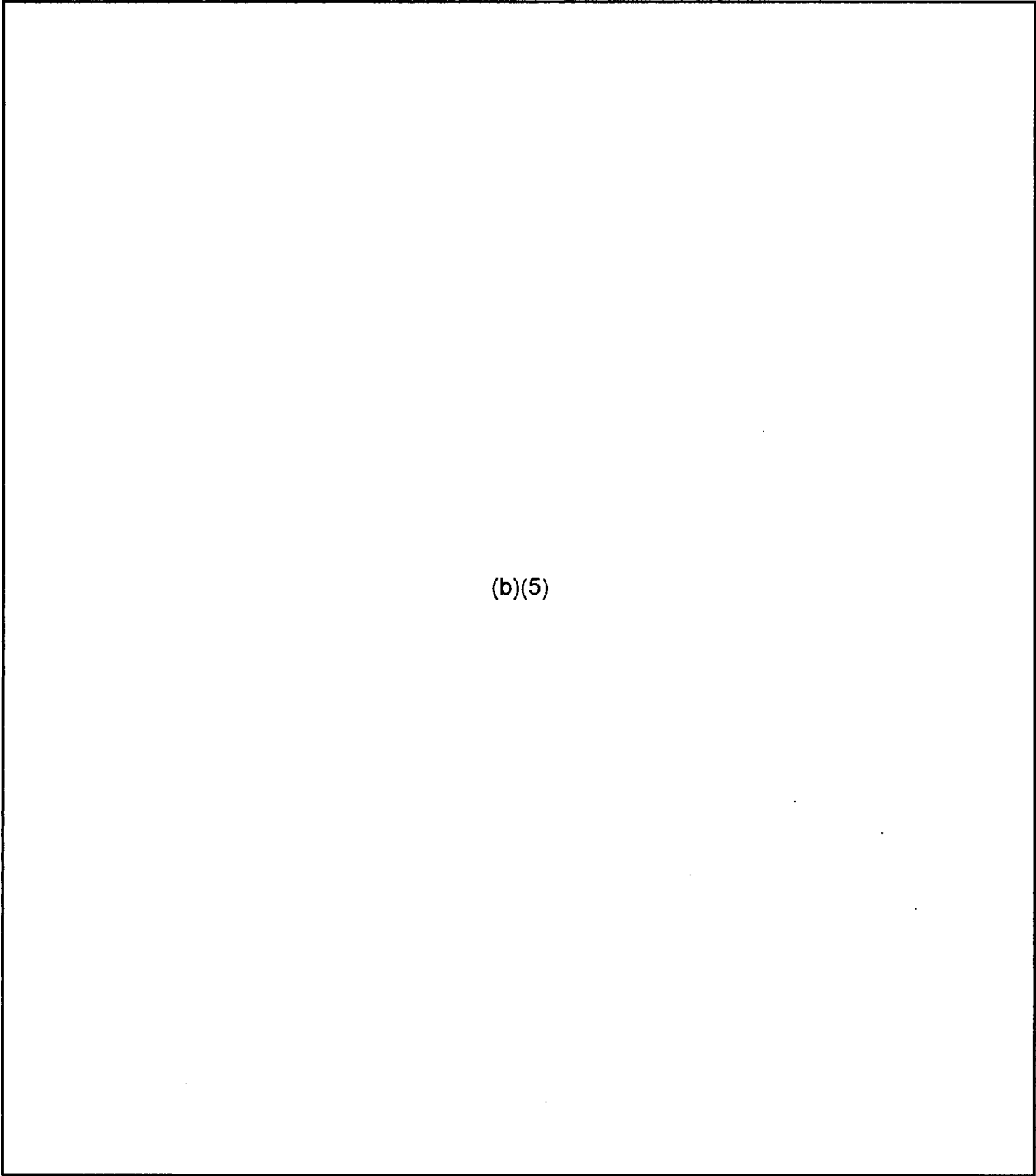
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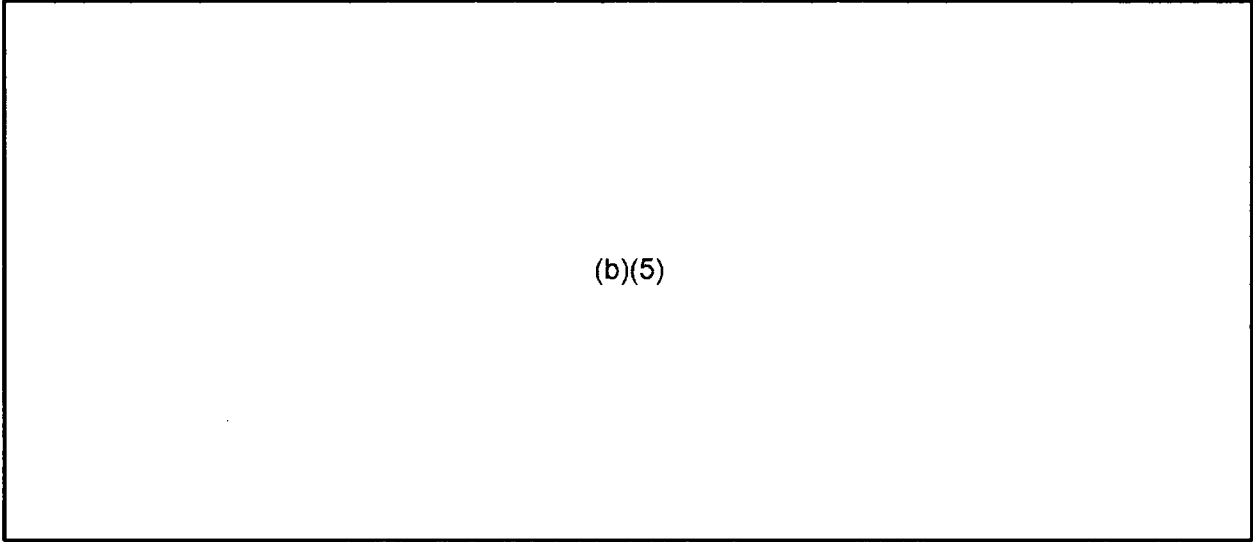
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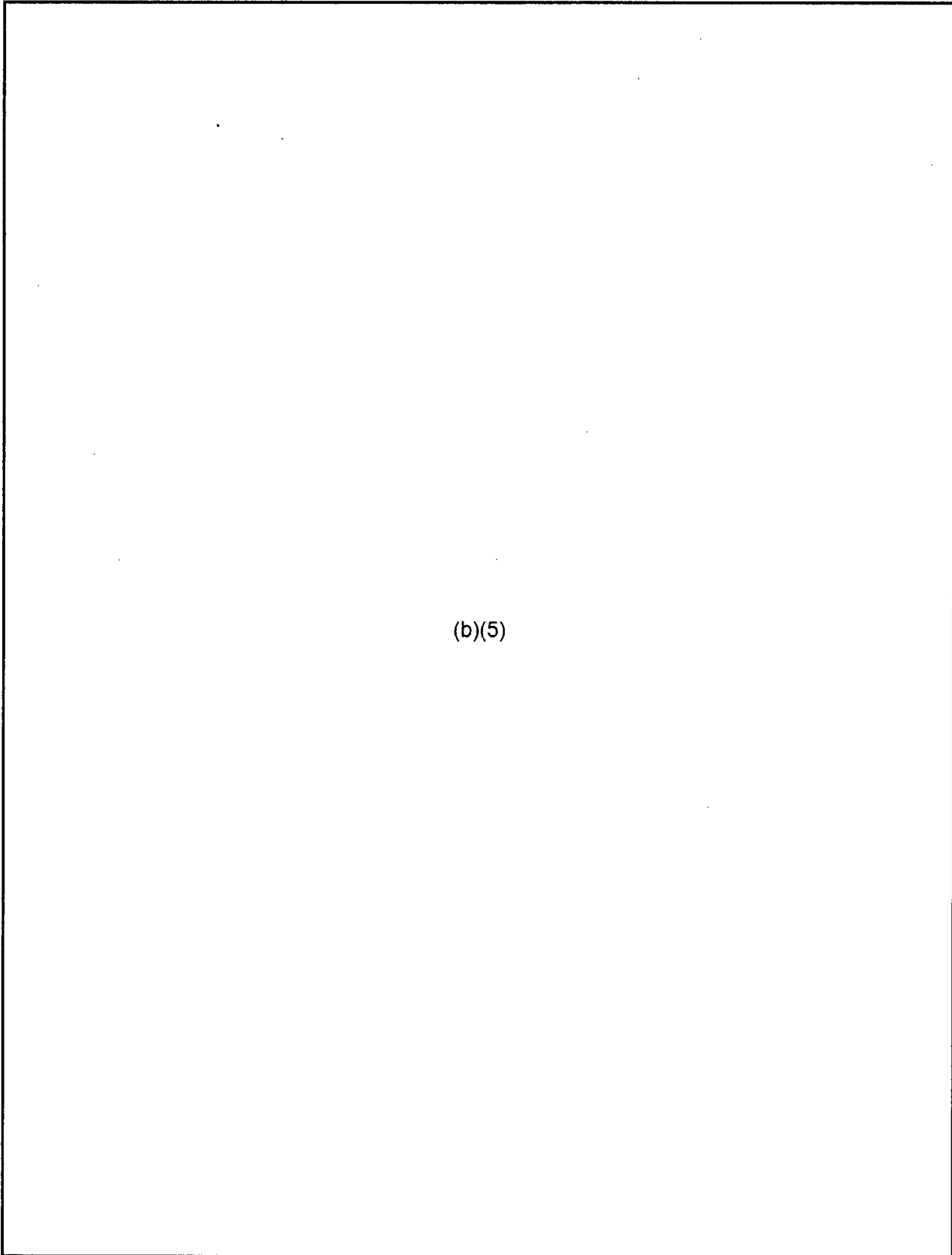
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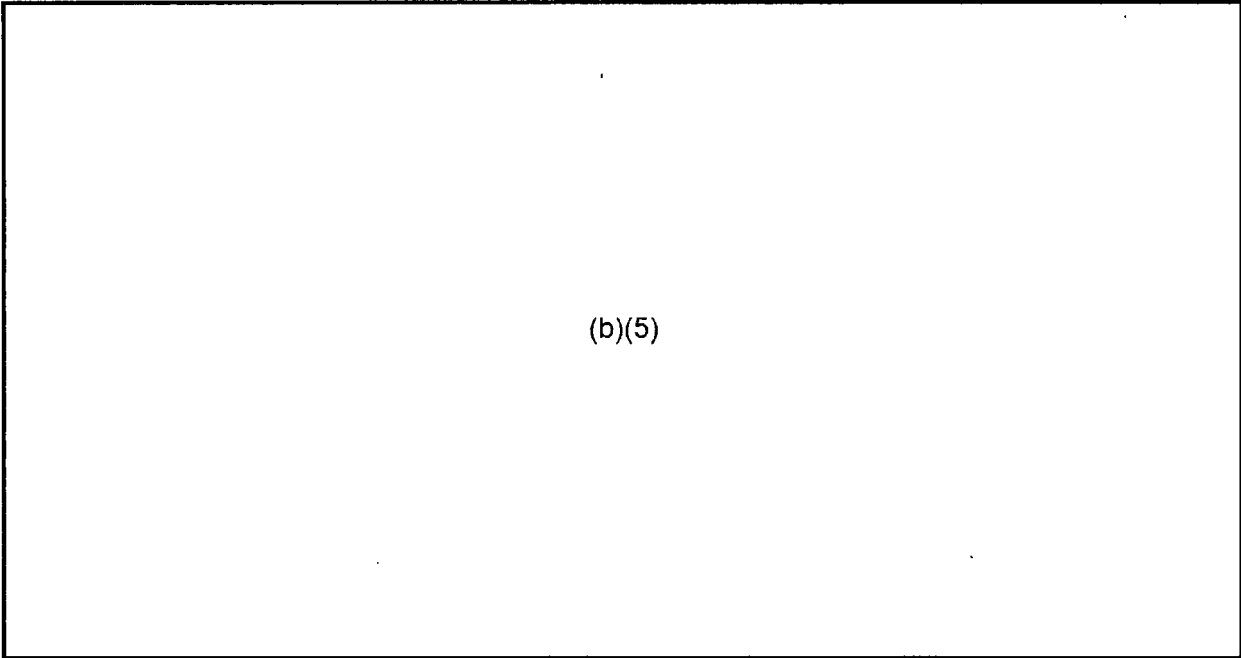
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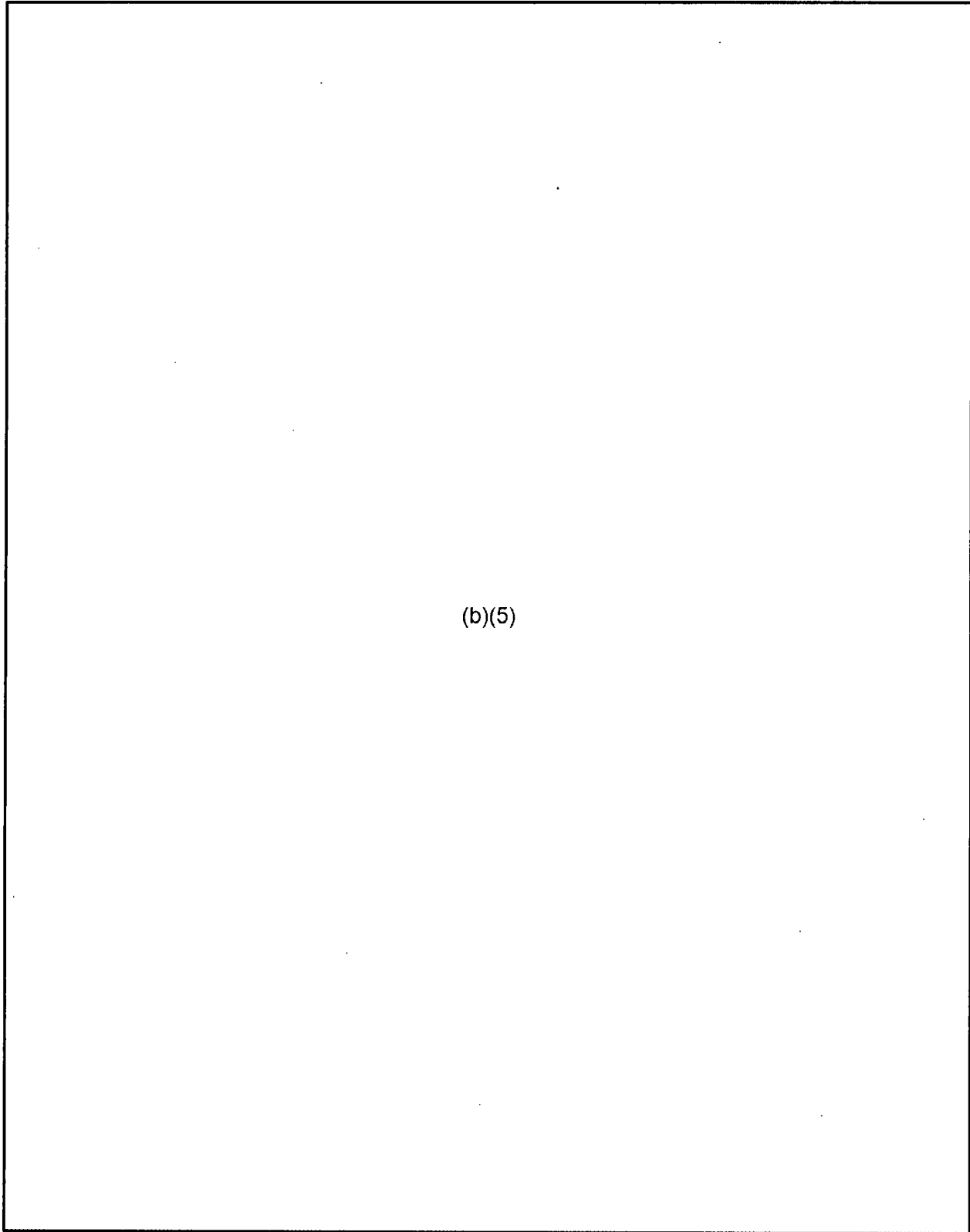
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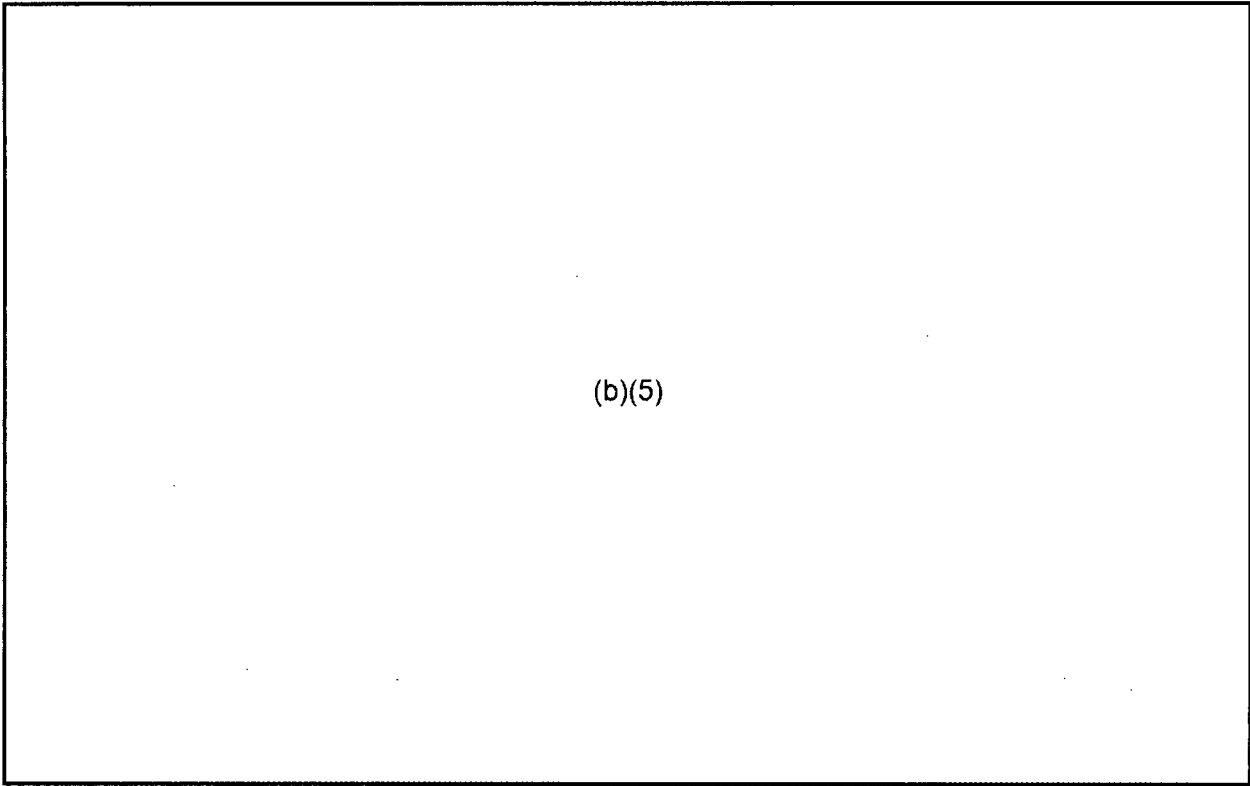
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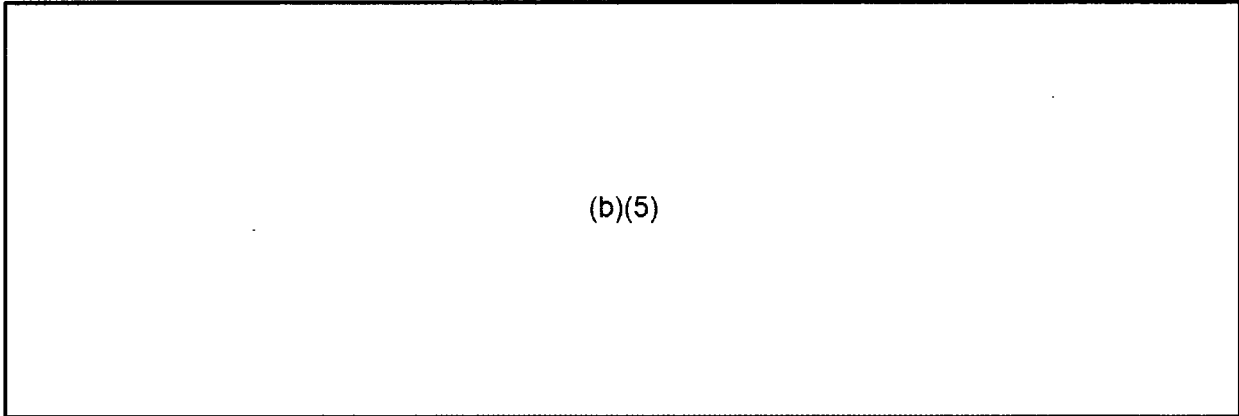
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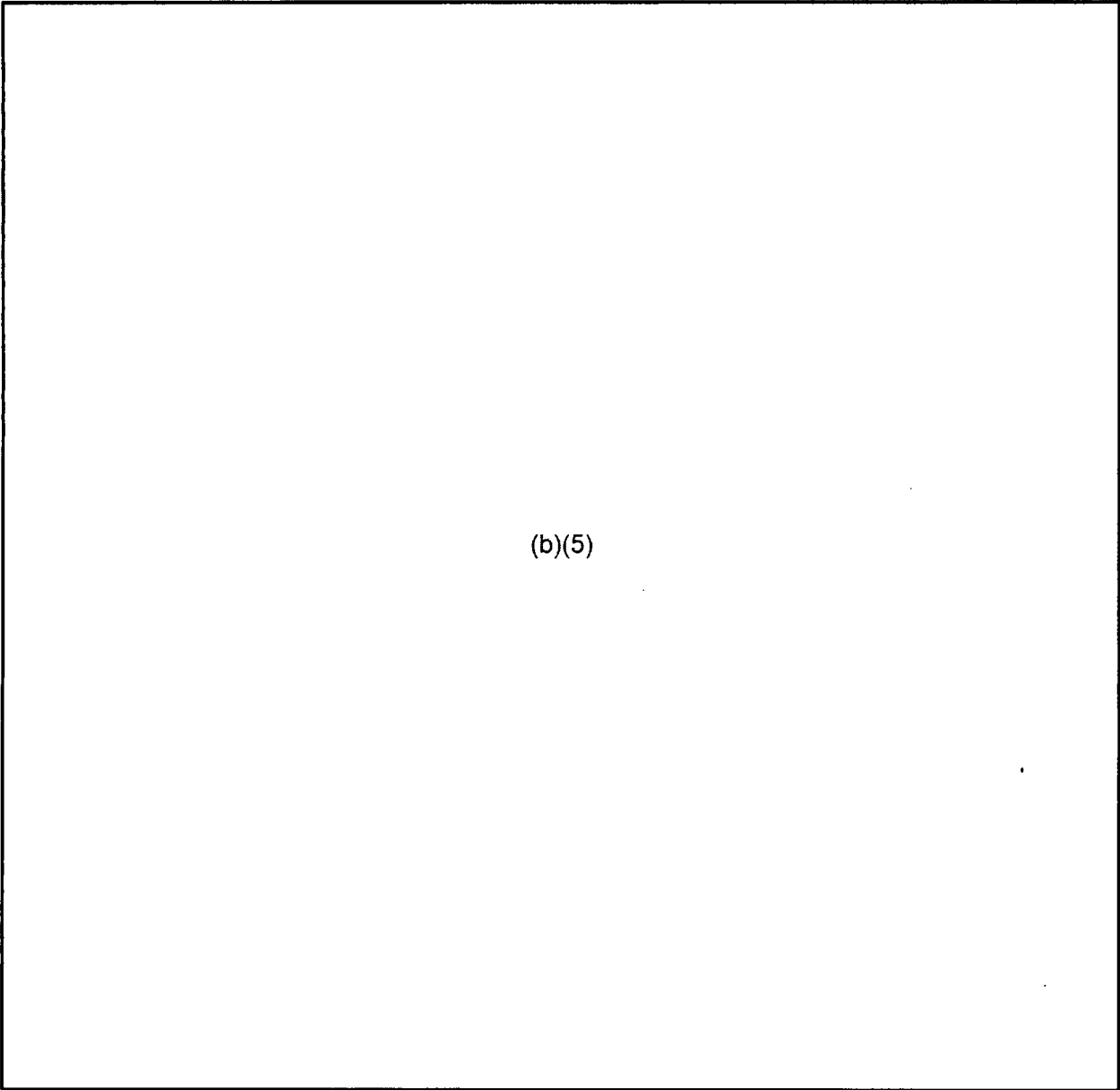


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**From:** Sebrosky, Joseph  
**To:** "Soenen, Philippe R"  
**Subject:** RE: NRC Submittal DCL-14-081, "Central Coastal California Seismic Imaging Project, Shoreline Fault Commitment"  
**Date:** Wednesday, September 10, 2014 3:05:00 PM

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Thanks - joe

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

From: Soenen, Philippe R [mailto:PNS3@pge.com]  
Sent: Wednesday, September 10, 2014 2:51 PM  
To: Sebrosky, Joseph  
Subject: FW: NRC Submittal DCL-14-081, "Central Coastal California Seismic Imaging Project, Shoreline Fault Commitment"

Joe,

Per your request.

Phillippe Soenen

Supervisor, Licensing  
Regulatory Services - DCP  
Office - 805.545.6984  
Cell - (b)(6)

From: Mackey, Chuck  
Sent: Wednesday, September 10, 2014 9:56 AM  
To: DCP BASES DD; 'fred.madden@luminant.com'; kefredr@wcnoc.com; Scott Bauer; Keith Mills; Jim Becker; Larry Parker (Larry.parker@starsalliance.com); Steve Meyer; Tom Weber; 'timothy.hope@luminant.com'; david.heckman@aps.com; 'dcupdate@certrec.com'  
Cc: 'janeslo@kcbx.net' (janeslo@kcbx.net); 'dsneed@thetribunenews.com' (dsneed@thetribunenews.com)  
Subject: NRC Submittal DCL-14-081, "Central Coastal California Seismic Imaging Project, Shoreline Fault Commitment"

The electronic file of the following cover letter that was recently sent to the Nuclear Regulatory Commission is attached to this e-mail and is being routed for your information.

NRC Submittal DCL-14-081, "Central Coastal California Seismic Imaging Project, Shoreline Fault Commitment"

Signed by: Edward D. Halpin - Senior Vice President and Chief Nuclear Officer  
Chuck Mackey  
Diablo Canyon Power Plant Regulatory Services Senior Administrator - Nuclear 104/5/536A P.O. Box 56 Avila Beach, CA 93424 Internal - 8 691-4444 External - (805) 545-4444

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GTD



**From:** Sebrosky, Joseph  
**To:** Williams, Megan; Munson, Clifford; Oesterle, Eric; Markley, Michael  
**Cc:** Uselding, Lara; Walker, Wayne; Hirschman, Thomas  
**Subject:** FW: Scott/Joe ; review of blog prior to sending to Eliot  
**Date:** Wednesday, September 10, 2014 11:59:00 AM  
**Attachments:** SEP2014blogAB1632\_srb.docx

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Megan, Cliff, Eric, and Mike,

Attached is the latest version of the blog that includes Scott's comments that removes some language that had me concerned. I still have one issue:

(b)(5)

Lara,

Is someone from OGC looking at the language given the FOE petition?

Joe

**From:** Burnell, Scott  
**Sent:** Wednesday, September 10, 2014 11:47 AM  
**To:** Uselding, Lara; Sebrosky, Joseph  
**Subject:** RE: Scott/Joe ; review of blog prior to sending to Eliot

"provides confidence the plant can keep the public safe after a seismic event" instead?

**From:** Uselding, Lara  
**Sent:** Wednesday, September 10, 2014 11:45 AM  
**To:** Burnell, Scott; Sebrosky, Joseph  
**Subject:** RE: Scott/Joe ; review of blog prior to sending to Eliot

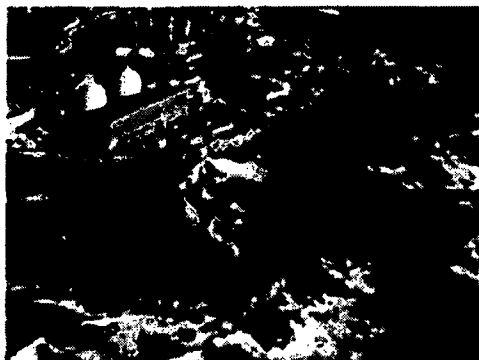
All fine with the exception of reasonable assurance. The public in CA hates this term and we have been lambasted for using it so we need an alternative

**From:** Burnell, Scott  
**Sent:** Wednesday, September 10, 2014 10:39 AM  
**To:** Uselding, Lara; Sebrosky, Joseph  
**Subject:** RE: Scott/Joe ; review of blog prior to sending to Eliot

Here are my edits.

**From:** Uselding, Lara  
**Sent:** Wednesday, September 10, 2014 11:03 AM  
**To:** Burnell, Scott; Sebrosky, Joseph  
**Subject:** Scott/Joe ; review of blog prior to sending to Eliot  
**Importance:** High

## Diablo Canyon In the News



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**From:** Sebrosky, Joseph  
**To:** Markley, Michael; Munson, Clifford; Stovall, Scott; Kock, Andrea; Williams, Megan; Li, Yong; Oesterle, Eric  
**Cc:** Weil, Jenny; Manoly, Kamal; Lund, Louise; Dudek, Michael; Case, Michael; Burnell, Scott; Hay, Michael; Franovich, Mike; Whaley, Sheena; Bowman, Gregory; Bowen, Jeremy; Moreno, Angel; Balazik, Michael; Singal, Balwant; Farnholtz, Thomas; Kanatas, Catherine; Hipschman, Thomas; Reynoso, John; Ake, Jon; Folk, Kevin; DiFrancesco, Nicholas; Balazik, Michael; Reynoso, John; Hill, Brittain; Walker, Wayne; Uselding, Lara; Buchanan, Theresa; Keegan, Elaine; Jackson, Diane; Wittick, Brian; Harris, Brian; Roth(OGC), David; Kanatas, Catherine; OKeefe, Neil  
**Subject:** RE: info: status of diablo canyon state of california report regarding seismic issues  
**Date:** Wednesday, September 10, 2014 11:18:00 AM  
**Attachments:** DC Calif seismic rpt comm plan 9-10-14 final rev 1.docx

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To all,

I apologize, I previously sent you the wrong version. Attached is the correct version of the communication plan.

Joe Sebrosky  
X1132

**From:** Sebrosky, Joseph  
**Sent:** Wednesday, September 10, 2014 10:44 AM  
**To:** Markley, Michael; Munson, Clifford; Stovall, Scott; Kock, Andrea; Williams, Megan; Li, Yong; Oesterle, Eric  
**Cc:** Weil, Jenny; Manoly, Kamal; Lund, Louise; Dudek, Michael; Case, Michael; Burnell, Scott; Hay, Michael; Franovich, Mike; Whaley, Sheena; Bowman, Gregory; Bowen, Jeremy; Moreno, Angel; Balazik, Michael; Singal, Balwant; Farnholtz, Thomas; Kanatas, Catherine; Hipschman, Thomas; Reynoso, John; Ake, Jon; Folk, Kevin; DiFrancesco, Nicholas; Balazik, Michael; Reynoso, John; Hill, Brittain; Walker, Wayne; Uselding, Lara; Buchanan, Theresa; Keegan, Elaine; Jackson, Diane; Wittick, Brian; Harris, Brian; Roth(OGC), David; Kanatas, Catherine; OKeefe, Neil  
**Subject:** info: status of diablo canyon state of california report regarding seismic issues

To all,

PG&E is still scheduled to release their State of California report at 11:00 am pacific, 2:00 pm eastern. Attached is the communication plan that is associated with this effort. Please note that it indicates that an NRC blog is possible. OPA is working on developing the blog language separately from the attached communication plan.

Other items

Eric Oesterle is leading the effort to finalize a communication plan associated with the DPO given that the DPO, the DPO response and the DPO appeal decision will likely be made publicly available in the short term. A draft has been provided to a smaller audience for their comment.

Let me or Eric know if there are any questions.

Thanks,

Joe Sebrosky  
301-415-1132

G12

UPDATED: 9/10/14 10:30 eastern

**Communications Plan –**  
**Diablo Canyon Power Plant Topics of Interest**  
**State of California Seismic Report (ABN-1632)**

**Background**

California Assembly Bill 1632 (Blakeslee, Chapter 722, Statutes of 2006) directs the California Energy Commission to assess the potential vulnerability of California's largest baseload power plants, Diablo Canyon Power Plant and San Onofre Nuclear Generating Station to a major disruption due to a seismic event or plant aging; to assess the impacts of such a disruption on system reliability, public, safety, and the economy; to assess the costs and impacts from nuclear waste accumulating at these plants; and to evaluate other major issues related to the future role of these plants in the state's energy portfolio. The licensee has used the most state of the art methodologies using 2D and 3D mapping to compile this report. This is a different and more extensive data set than what was used for the 2011 Shoreline Fault evaluation.

The purpose of this communication plan is to provide key messages associated with the public release of this report.

**Key Messages**

1. NRC Resident Inspectors and Region IV staff looked at the licensee's corrective action process assessment of new preliminary information concerning DCPD seismic and licensing bases. The licensee's information indicates reasonable assurance of public health and safety after a seismic event.

PG&E's evaluation of the new seismic information, as documented in the report, concludes that the ground motions resulting from the faults discussed in the report (i.e., Shoreline, Hosgri, San Simeon, Los Osos, and San Luis Bay) continue to be bounded by the Hosgri analysis that was used during licensing of the plant.

2. The NRC staff will review the new information provided in the report in accordance with the NRC's inspection process. The NRC will take additional regulatory action as appropriate if the new information associated with the Faults around DCPD cause NRC to question PG&E's conclusions.
3. PG&E will incorporate the findings from Bill 1632 report into their upcoming March 2015 probabilistic seismic hazard analysis as part of the NRC's post-Fukushima activities. The NRC believes this more rigorous analysis will provide the most accurate assessment of faults affecting the DCPD.

### Communication Team

The primary responsibility of the communication team is to ensure that it conveys a consistent, accurate, and timely message to all stakeholders. The team consists of the project management, technical, and communication staff named below.

<b>Team Member</b>	<b>Position</b>	<b>Organization</b>	<b>Telephone</b>
Wayne Walker	Branch Chief	R-IV/DRP/RPB-A	817-200-1148
Ryan Alexander	Sr. Project Engineer	R-IV/DRP/RPB-A	817-200-1195
Thomas Hipschman	Sr. Resident Inspector - DCPD	R-IV/DRP/RPB-A	805-595-2354
John Reynoso	Resident Inspector - DCPD	R-IV/DRP/RPB-A	805-595-2354
Jon Ake	Senior Seismologist	RES/DE/SGSEB	301-251-7695
Eric Oesterle	Acting Branch Chief	NRR/DORL/LPLIV	301-415-1014
Balwant Singal	DCPD Project Manager	NRR/DORL/LPLIV	301-415-3016
Scott Burnell	Public Affairs Officer	OPA	301-415-8204
Angel Moreno	Congressional Affairs	OCA	301-415-1697
Victor Dricks	Public Affairs Officer	RIV	817-200-1128
Lara Uselding	Public Affairs Officer	RIV	817-200-1519
Bill Maier	State Liaison Officer	RIV	817-200-1267
Elaine Keegan	License Renewal	NRR/DLR	301-415-8517
Cathy Kanatas	Attorney	OGC	301-415-2321
Nick DiFrancesco	Japan Lessons Learned	JLD	301-415-1115

#### Planned Communication Activities

The contents on this communication plan, supplemented by information provided by PG&E/Diablo Canyon, should be used to accomplish these actions. The table below is based on a target public release date of the report on September 10, 2014.

<b>Timeframe</b>	<b>Action</b>	<b>Responsible Party(ies)</b>
Sept 8	PG&E provides a draft of the report in the electronic reading room for initial staff assessment	PG&E
Sept 9	PG&E notifies NRC of seismic report submittal to the state of California	PG&E

**DRAFT – OFFICIAL USE ONLY –**  
**SENSITIVE INTERNAL INFORMATION – NOT FOR PUBLIC RELEASE –**

<b>Timeframe</b>	<b>Action</b>	<b>Responsible Party(ies)</b>
Sept 10	PG&E/Diablo Canyon Power Plant submit seismic report to the state of California and issue a press release	PG&E
Promptly (within Sept 10+1 business day)	Region IV notifies the Communications Team of PG&E's actions as currently understood and implements the Communications Plan	R-IV/RPB-A
	Entirety of Communications Team notifies applicable Senior Managers in their respective reporting chain	R-IV; NRR/DORL; NRR/DLR; NRR/JLD OPA; OCA; OGC
	OPA available to use Communications Plan to answer media inquiries. Blog possible	R-IV; OPA
Oct 3	JLD/NRO/RES completes preliminary assessment of published report and management decision is made if any additional actions should be taken prior to the submittal of the seismic reevaluation in March 2015. Updates to communication plan as appropriate	JLD/NRO/RES/RIV
As requested	Complete a Commissioners Assistants Brief	R-IV; NRR

**1. Questions and Answers**

**What is the impact of this new information on seismic design and licensing of DCP? Has the licensee entered this new information into the corrective action program and performed an operability evaluation?**

In accordance with the guidance in the October 12, 2012, letter transmitting RIL 2012-001, PG&E has entered the new preliminary seismic information into their corrective action program. The results of the study are used to assess the impact on the current design and licensing basis of DCP.

In response to the NRC's review of the January 2011 Shoreline Fault Report, PG&E made the following commitment to the NRC:

"If during PG&E's ongoing collection of seismic data, new faults are discovered or information is uncovered that would suggest the Shoreline fault is more capable than currently believed, PG&E will provide the NRC with an interim evaluation that describes actions taken or planned to address the higher seismic hazard relative to the design basis, as appropriate, prior to completion of the evaluations requested in the NRC staff's March 12, 2012, request for information (Reference 2)." Reference 2 is NRC letter to All Power Reactor Licensees and Holders of Construction Permits in Active or Deferred Status, "Request for Information Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3 of the Near-Term Task Force Review of Insights from the Fukushima Dai-Ichi Accident," March 12, 2012.

NRC Resident Inspectors, and Region IV staff looked at the licensee's documentation in their corrective action process assessing new preliminary information concerning DCP seismic and licensing bases. The licensee's information did not indicate there is an immediate threat to public health and safety nor did it call into question the ability of SSCs to

perform their specified safety functions or necessary and related support functions.

In addition, the NRC staff's review of the new seismic information in the report notes that PG&E's evaluation concludes that the faults discussed in the report (i.e., Shoreline, Hosgri, San Simeon, Los Osos, and San Luis Bay) continue to be bounded by the Hosgri analysis that was used during licensing of the plant.

The NRC will review the new information provided in the report to the State of California including the Shoreline Fault characteristics, and the updated characteristics associated with the soil properties near the site. The NRC staff will take additional regulatory action as appropriate if the NRC staff concludes that the new information associated with the Shoreline Fault causes the NRC to revisit the conclusions in the RIL.

**2. Has DCPD provided the seismic report to the NRC?**

Yes, in accordance with the guidance in the October 12, 2012, letter transmitting RIL 2012-001, PG&E has provided the information to the NRC. In addition, the report was also provided to address license renewal issues (see question 8).

**3. What does the new report state?**

The new report includes information obtained from 2-dimensional and 3-dimensional high energy and low-energy seismic surveys both onshore and offshore of the DCPD site. The report provides more details on the regional faults, including more precise readings and additional data points where previously there were gaps. While a lot of the information from the previous Shoreline Fault report of 2011 was confirmed, some of the new data suggests the following:

- Reduced slip rate on the Hosgri Fault Zone and the Shoreline Fault Zone
- Postulated connection of the Hosgri and the San Simeon faults which could result in a longer, larger, but more infrequent earthquake
- The unique geometry involved with intersecting the Hosgri Fault and the Shoreline Fault Zone results in an extension of a few kilometers, but with a lower frequency of occurrence
- Extension of the Shoreline Fault zone southern segment
- The new data does not alter the assessment of the closest approach of the Shoreline fault to DCPD which is 600 meters from the power block and 300 meters from the intake structure. Because the Shoreline fault is considered to be somewhat longer, potential earthquakes could also occur farther from the plant.
- Updated analysis for the San Luis Bay, and Los Osos faults

The report concludes that the ground motions for the Hosgri and LTSP evaluations continue to bound potential ground motions from the regional faults, including the Shoreline Fault, San Luis Bay, Los Osos, San Simeon and Hosgri. The DCPD continues to operate safely within the seismic margin they were designed to withstand.



**4. How will the AB 1632 seismic report be coordinated with the 50.54(f) required submittal in March 2015?**

PG&E plans to incorporate the findings from Bill 1632 report into their ongoing analysis required by the NRC Post-Fukushima task force recommendations due in March 2015. The NRC believes this more rigorous analysis will provide the most accurate assessment of faults affecting the DCPD.

(If pushed on any "unknowns" in the report: If necessary, actions could include orders to halt operations if new information suggests there is an immediate safety concern. The NRC will fulfill its mandate to protect public health and safety).

(If asked what things the plant has done since Fukushima: It is important to note that DCPD is an industry leader in implementing FLEX which was a post-Fukushima industry initiative to have extra equipment available remotely in the event of a beyond design basis event).

**5. Why is the report "final" for the state but "preliminary" for the NRC?**

For the State, the report is final. For the NRC, this information is expected to be incorporated into the more comprehensive 50.54f analysis due to the NRC in March 2015. However, because the licensee must notify the NRC of any new seismic info, they have shared this report and an initial operability evaluation showing why the plant is safe to continue to operate. PG&E's evaluation of the new seismic information, as documented in the report, concludes that the ground motions resulting from the faults discussed in the report (i.e., Shoreline, Hosgri, San Simeon, Los Osos, and San Luis Bay) continue to be bounded by the Hosgri analysis that was used during licensing of the plant.

**6. Why didn't the NRC discover the length of the faults when it did its seismic review of the Shoreline fault in 2011 prior to issuing the RIL?**

California Assembly Bill 1632 (Blakeslee, Chapter 722, Statutes of 2006) directs the California Energy Commission to assess the potential vulnerability of California's largest base-load power plants, Diablo Canyon Power Plant and San Onofre Nuclear Generating Station, to a major disruption due to a seismic event or plant aging; to assess the impacts of such a disruption on system reliability, public safety, and the economy; to assess the costs and impacts from nuclear waste accumulating at these plants; and to evaluate other major issues related to the future role of these plants in the state's energy portfolio. The licensee has used the most state-of-the-art 2D and 3D geophysical mapping techniques, which are commonly used in offshore petroleum resource exploration. These techniques provide higher-resolution data than what was available to characterize the Shoreline Fault in the 2011 report.

The NRC has requested licensees of operating nuclear power reactors to submit a seismic hazard reevaluation using up-to-date methodologies and analyses which is due for DCPD in March 2015.

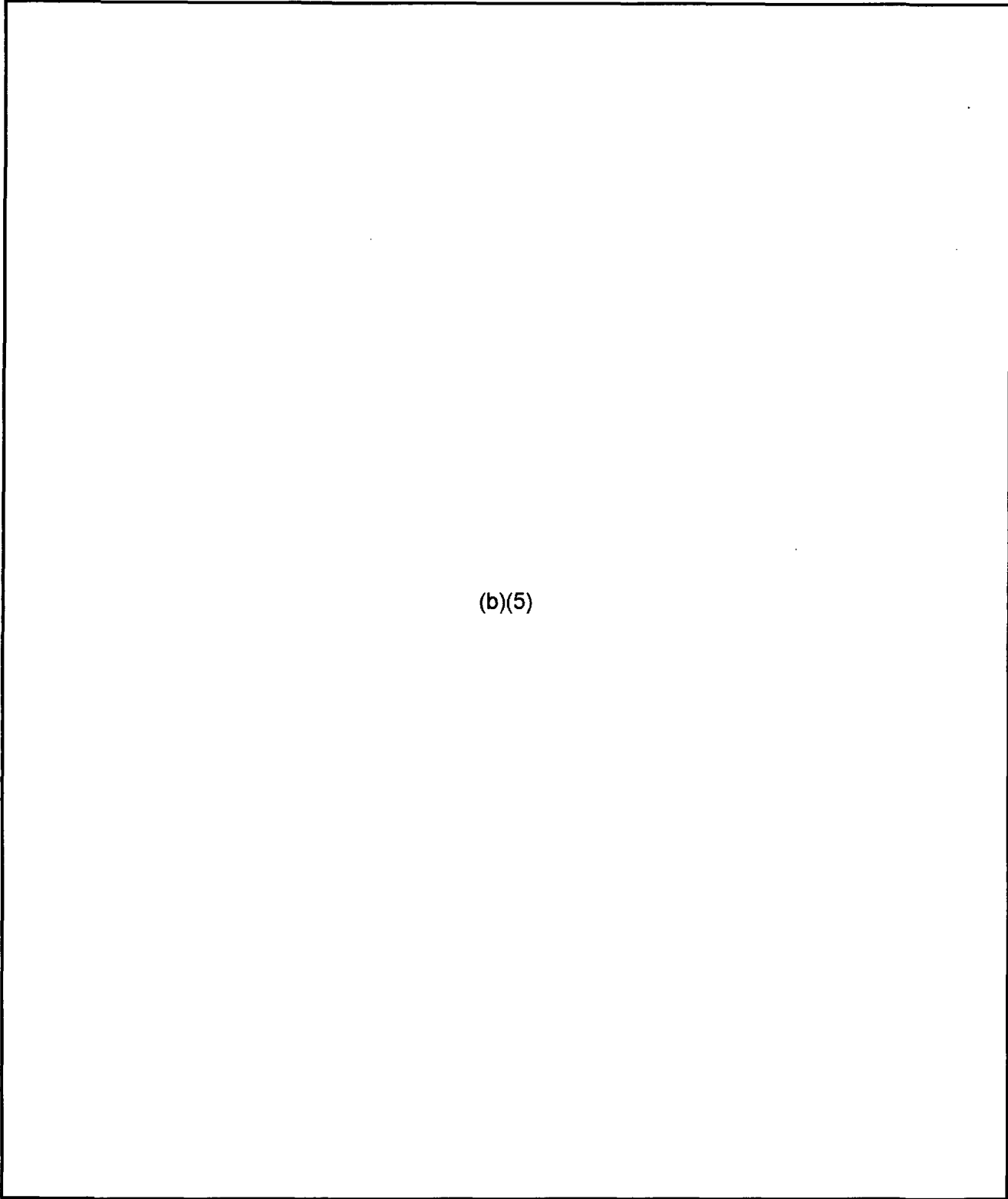
**7. What is the impact of this new information on seismic design and licensing of DCPD?**

Based on the preliminary results of the studies that are under review, PG&E determined that

the Shoreline Fault Zone may be capable of producing somewhat larger earthquakes than considered in the January 2011 Shoreline report. The NRC staff is independently assessing PG&E's determination. The process outlined in the 50.54(f) letter includes a detailed analysis of new seismic information (including shoreline faults and other faults around the plant). PG&E is scheduled to provide this assessment in the March 2015 time frame. The staff will continue to review the information in the new CA 1632 report and the final results of the new data from the more rigorous analysis to be completed by March 2015. The NRC staff will take appropriate regulatory action up to and including issuing Orders to ensure safe operation of the plant.

**8. Will the Report be considered in the License Renewal Process**

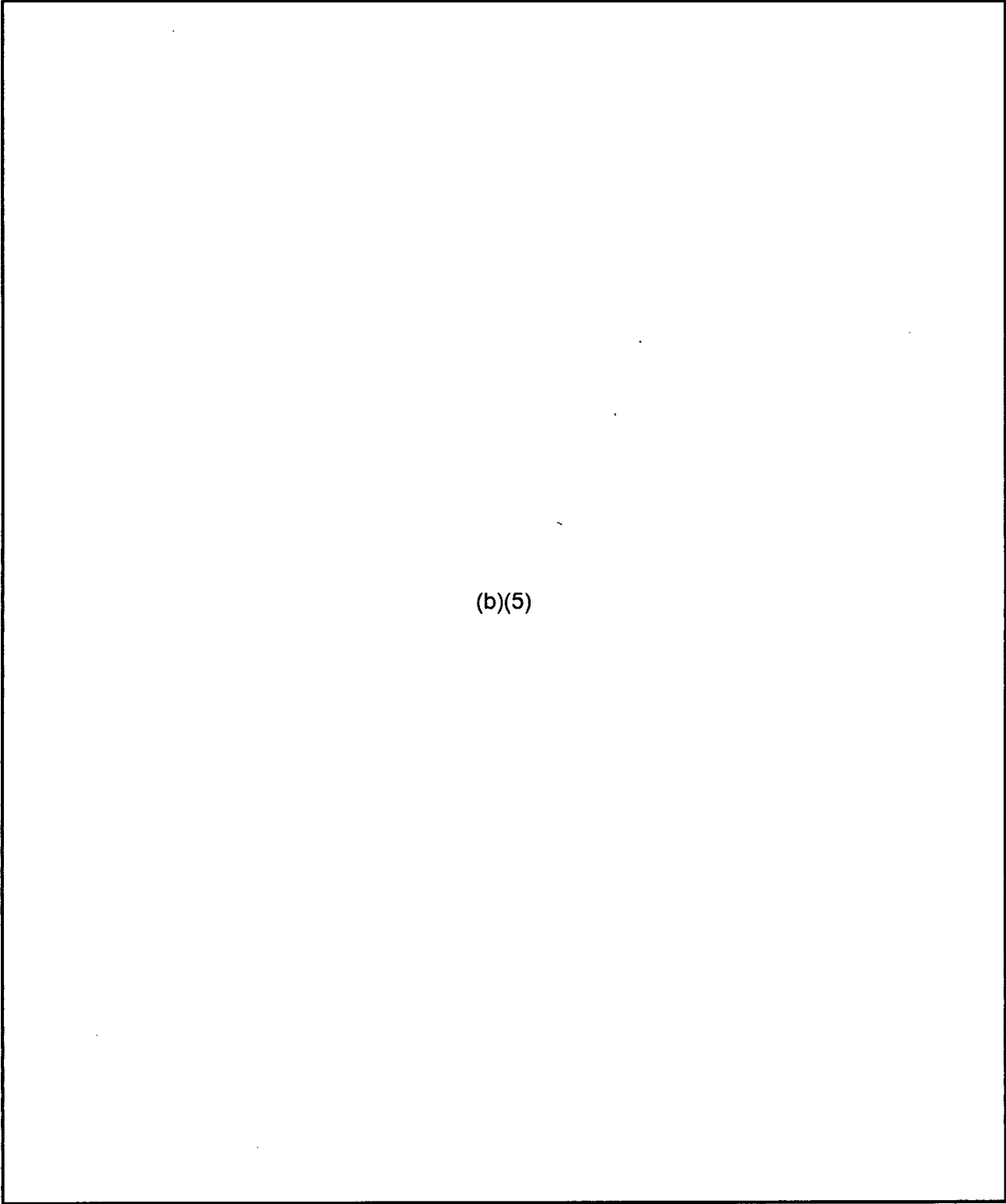
Yes. In addition to the report being developed to address California Assembly Bill 1632, PG&E is providing the report to the State of California as part of the State of California coastal zone consistency certification associated with the license renewal for DCP. The State of California coastal zone consistency certification is considered by the NRC during the license renewal environmental review process. In addition, the Staff will be reviewing the report to see how, if at all, it is relevant to the Staff's license renewal review. There is a contention related to the Shoreline fault and its consideration in the facility's severe accident mitigation alternatives analysis that is admitted in the license renewal proceeding (see ML14224A320; See CLI-11-11).



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**From:** Sebrosky, Joseph  
**To:** Munson, Clifford  
**Cc:** Uselding, Lara; Walker, Wayne; Williams, Megan; Hipschman, Thomas; Oesterle, Eric  
**Subject:** DC\_Calif\_seismic\_rpt comm plan 9-10-14\_final.docx  
**Date:** Wednesday, September 10, 2014 9:50:00 AM  
**Attachments:** DC\_Calif\_seismic\_rpt comm plan 9-10-14\_final.docx

---

Cliff,

Per our discussion could you please review the attached final version of the communication plan and let me and Megan Williams know if you have any concerns. Also per our discussion Lara will work with Megan on any followon technical questions that she might have. If Megan needs help she will contact you, otherwise, we are leaving it up to Megan to advise Lara.

Lara, Wayne and Megan,

I made changes consistent with what was discussed in the meeting. The yellow highlighted stuff was changed based on a comment from Eric after the meeting. Once Cliff gives his comments/approval I will send the document to a broader audience.

Thanks,

Joe

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**From:** Sebrovsky, Joseph  
**To:** Stovall, Scott; Munson, Clifford; Williams, Megan; Li, Yong; Hipschman, Thomas; Walker, Wayne; Oesterle, Eric; Singal, Balwant; Markley, Michael; Jackson, Diane; DiFrancesco, Nicholas; Whaley, Sheena; Uselding, Lara; Burnell, Scott; OKeefe, Neil; Farnholtz, Thomas; Kanatas, Catherine; Roth(OGC), David; Mangoly, Kamal; Reynoso, John; Hill, Brittain; Dudek, Michael; Buchanan, Theresa; Kock, Andrea; Weaver, Thomas; (b)(6); Maier, Bill; Keegan, Elaine  
**Cc:** DE Calendar Resource; Lubinski, John; Weerakkody, Sunil  
**Subject:** internal meeting to finalize diablo communication plan  
**Start:** Wednesday, September 10, 2014 8:30:00 AM  
**End:** Wednesday, September 10, 2014 9:30:00 AM  
**Location:** HQ-TWFFN-10C01-15p  
**Attachments:** DC Calif seismic rpt comm plan 9-10-14 srb.docx

---

Note: communication plan updated to include Scott Burnell's comments in redline/strikeout

Bridge #: 888-677-0690

Passcode: (b)(6)

Purpose: To finalize the draft communication plan

Outcome: Communication plan associated with Diablo Canyon State of California seismic report finalized

Agenda:

Discussion of changes

Incorporated inputs from Tom Hipschman, Lara Uselding, and Megan Williams (thanks for the insights)

First key message bullet changed based on Tom and Lara's input

Other changes made based on direction during the 9/9 meeting and additional input from Megan

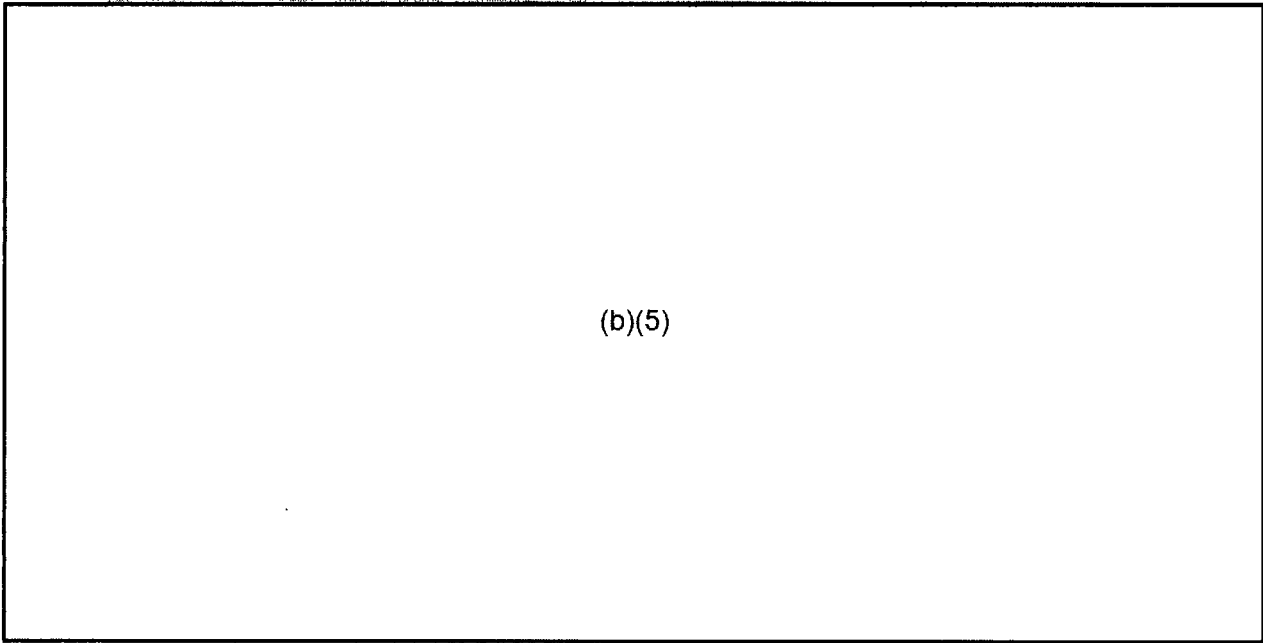
II. Comments and resolution

III. Next steps

IV. Wrapup

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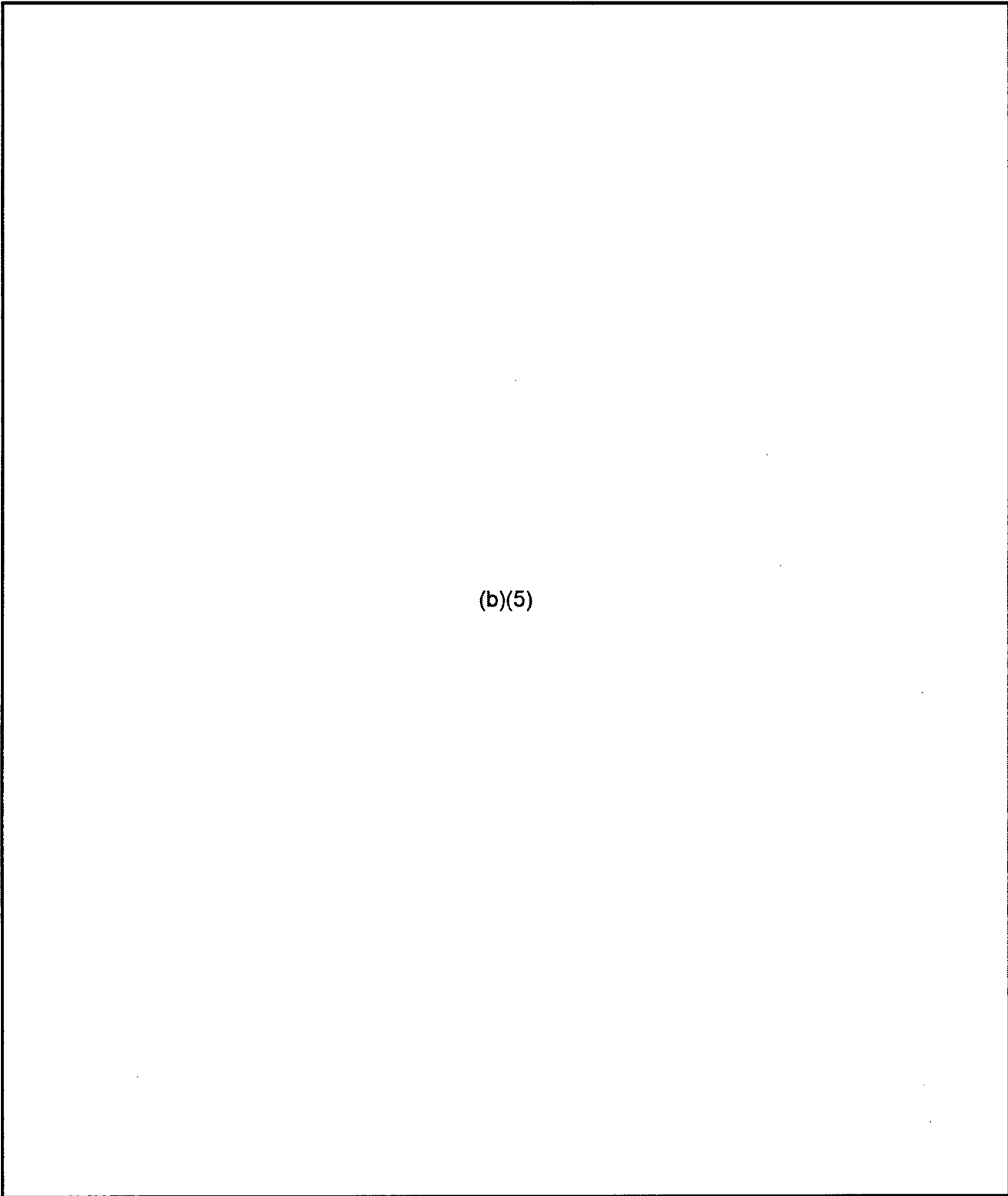
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**From:** Sebrosky, Joseph  
**To:** Williams, Megan; Farnholtz, Thomas; Walker, Wayne  
**Subject:** FW: suggested language  
**Date:** Wednesday, September 10, 2014 6:48:00 AM  
**Attachments:** DC\_Calif\_seismic\_rpt\_comm\_plan\_9-9-14\_rev\_mw.docx  
DC\_Calif\_seismic\_rpt\_comm\_plan\_9-10-14\_am\_revision\_1.docx

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Megan,

I found your comments extremely helpful. I did not incorporate all of them. Based on discussions with Tom Hipschman last night the first bullet for key messages was changed back to something closer to the original. I am including Tom and Wayne on the email so they are aware of the basis for some of the changes in the communication plan which are a direct result of your comments.

Thanks for the help. If I screwed something up and you have time to call me before the 8:30 am call please do so, so I can attempt to address it right off the bat.

Thanks,

Joe

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

**From:** Williams, Megan  
**Sent:** Tuesday, September 09, 2014 3:46 PM  
**To:** Sebrosky, Joseph  
**Subject:** RE: suggested language

Joe,

I have suggested to some edits to the Q&As. I don't think the answer to #6 is very good (as written), but not a great answer in of itself, so not sure about improvements to that one.

Sure I am your favorite person right now, but thanks for lettering me offer my comments.

Thanks for your hard work.

r/,

megan

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**From:** Williams, Megan  
**Sent:** Tuesday, September 09, 2014 2:52 PM  
**To:** Sebrosky, Joseph  
**Subject:** suggested language

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G915

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megan

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From: Sebrosky, Joseph

Sent: Tuesday, September 09, 2014 12:18 PM

To: Markley, Michael; Munson, Clifford; Stovall, Scott; Kock, Andrea; Williams, Megan; Li, Yong; Oesterle, Eric

Cc: Weil, Jenny; Manoly, Kamal; Lund, Louise; Dudek, Michael; Case, Michael; Burnell, Scott; Hay, Michael; Franovich, Mike; Whaley, Sheena; Bowman, Gregory; Bowen, Jeremy; Moreno, Angel; Balazik, Michael; Singal, Balwant; Farnholtz, Thomas; Kanatas, Catherine; Hipschman, Thomas; Reynoso, John; Ake, Jon; Folk, Kevin; DiFrancesco, Nicholas; Balazik, Michael; Reynoso, John; Hill, Brittain; Walker, Wayne; Uselding, Lara; Buchanan, Theresa; Keegan, Elaine; Jackson, Diane; Wittick, Brian; Harris, Brian; Roth(OGC), David; Kanatas, Catherine; OKeefe, Neil; Uhle, Jennifer; Lund, Louise  
Subject: info: status of public release of Diablo Canyon State of California report

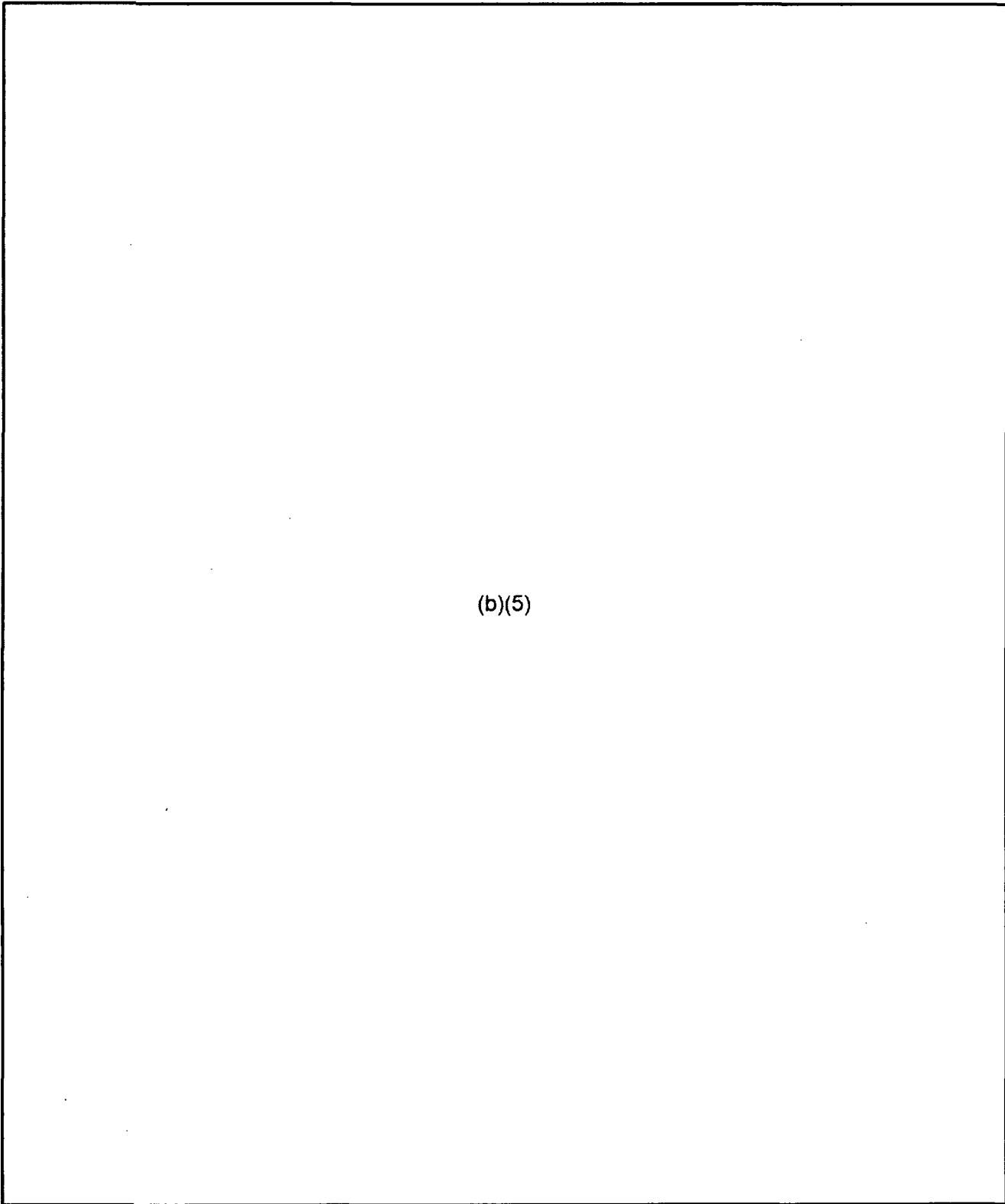
To all,

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Let me know if you have any questions.

Thanks,

Joe Sebrosky  
301-415-1132



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**From:** Sebrosky, Joseph  
**To:** Kanatas, Catherine  
**Cc:** Roth/GGC, David; Keenan, Linda; Wittick, Brian; Weidong, Jara  
**Subject:** action: quick look at question in Diablo comm plan associated with license renewal  
**Date:** Wednesday, September 10, 2014 6:40:00 AM  
**Attachments:** OC\_Calif\_seismic\_rpt\_comm\_plan\_9-10-14\_am\_rev\_5-01\_1.docx

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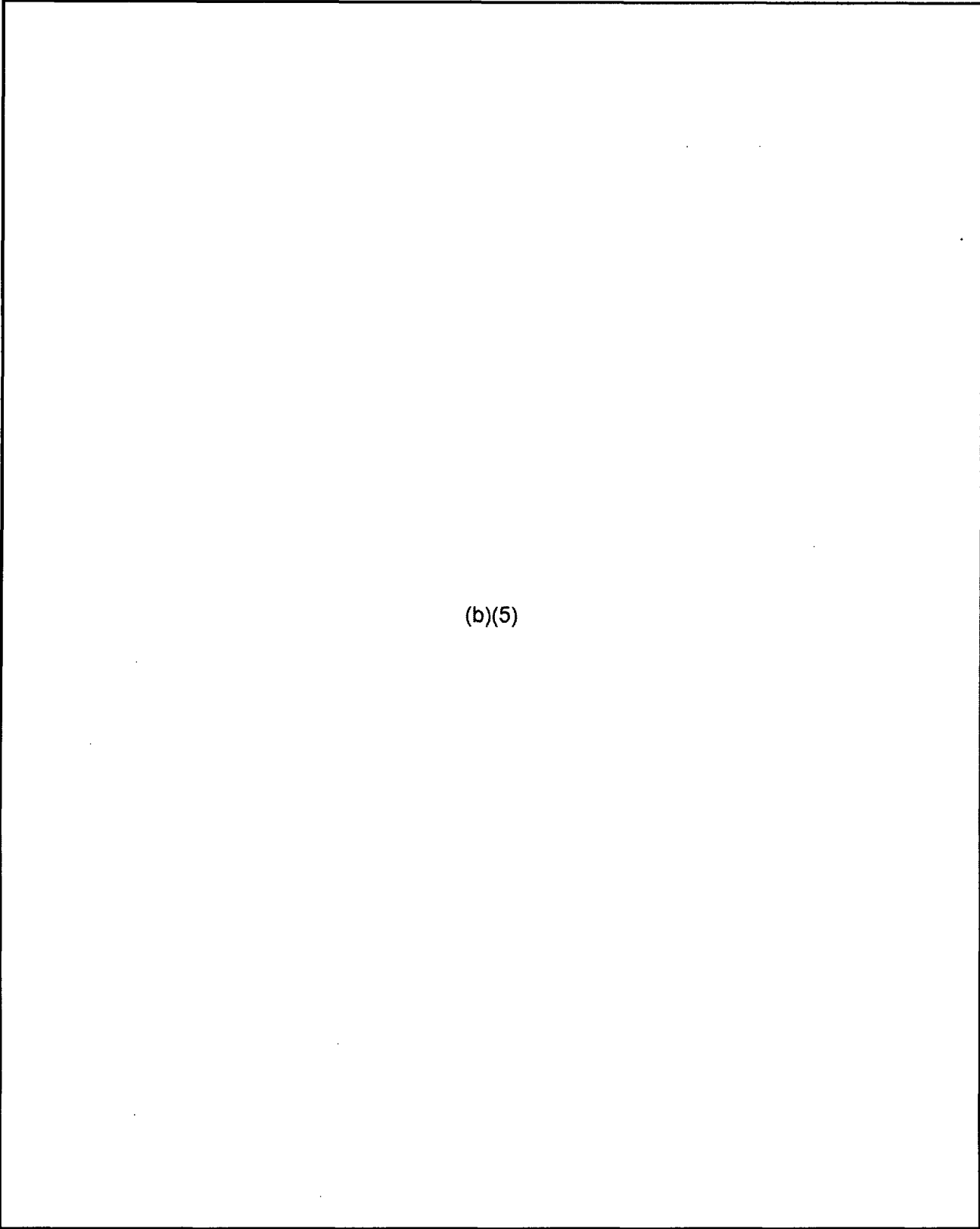
Cathy,

(b)(5)

Thanks,

Joe Sebrosky  
Senior Project Manager  
Japan Lessons-Learned Division  
Office of Nuclear Reactor Regulation  
joseph.sebrosky@nrc.gov  
301-415-1132

G16



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**From:** [Sebrosky, Joseph](#)  
**To:** [Uhle, Jennifer](#)  
**Cc:** [Markley, Michael](#); [Oesterle, Eric](#); [Lund, Louise](#)  
**Subject:** info: electronic version of draft project plan  
**Date:** Tuesday, September 09, 2014 12:21:00 PM  
**Attachments:** [Diablo State of California seismic report review plan revision 4.docx](#)

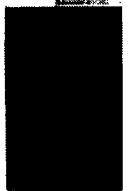
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Jennifer,

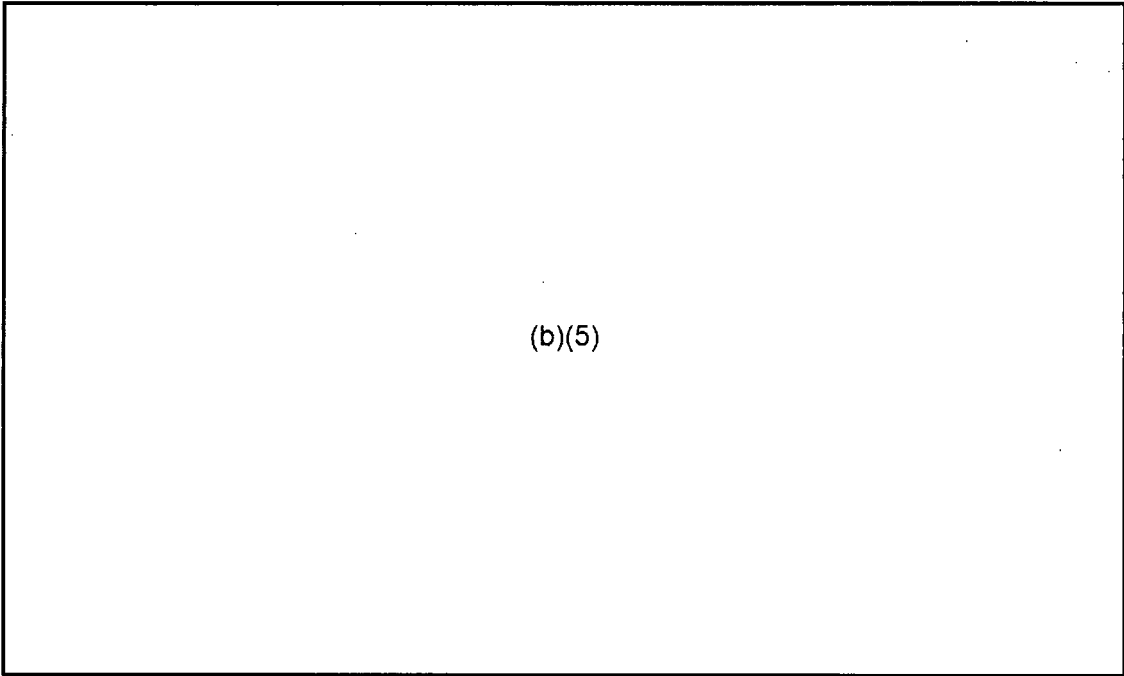
Attached is the draft project plan that we discussed with you. It has links to ADAMS documents that are referenced. It is a work in progress and is continuously being revised.

Please let me know if you have any questions.

Joe Sebrosky  
Senior Project Manager  
Japan Lessons-Learned Division  
Office of Nuclear Reactor Regulation  
[joseph.sebrosky@nrc.gov](mailto:joseph.sebrosky@nrc.gov)  
301-415-1132



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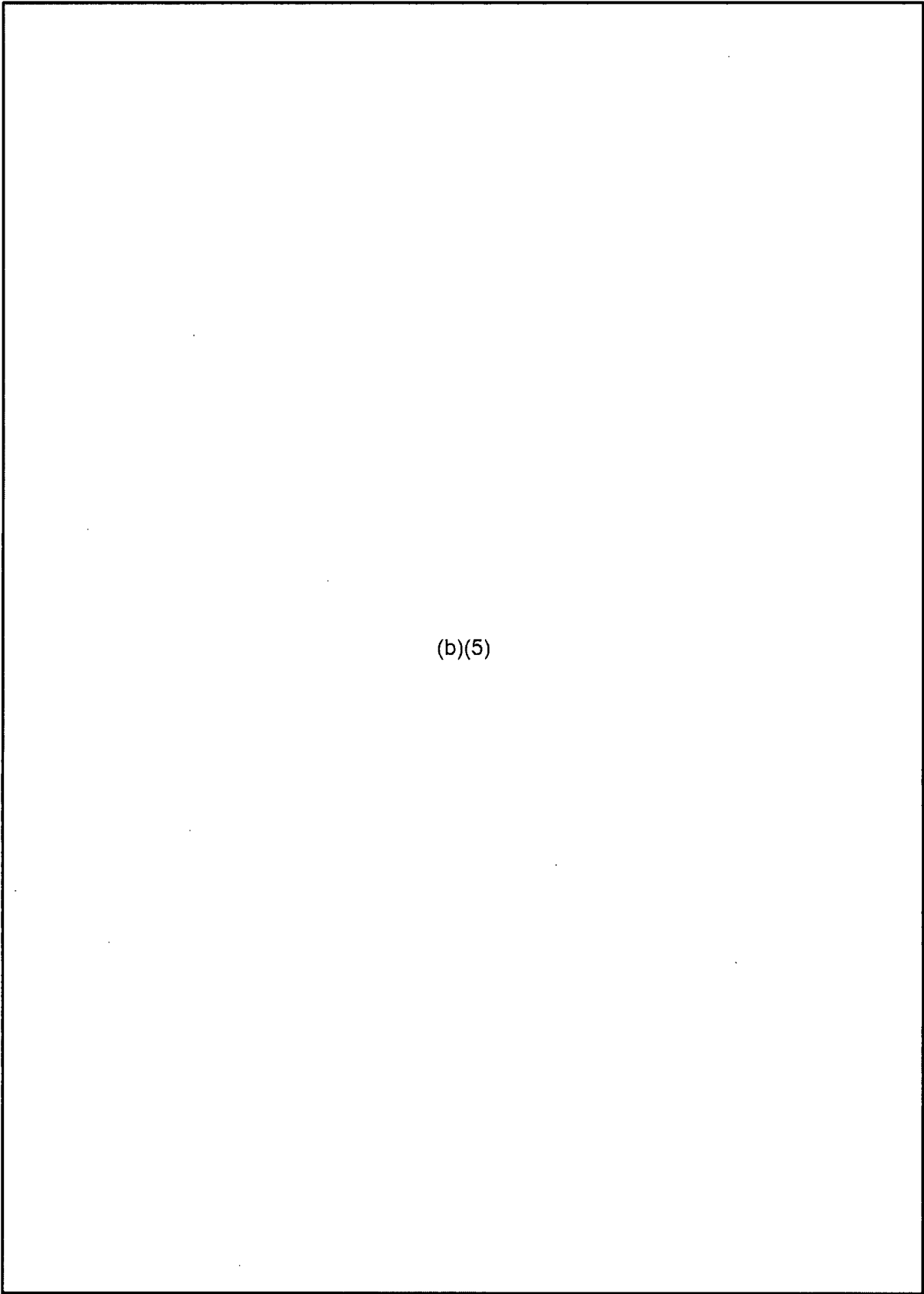
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**From:** Scorsky, Joseph  
**To:** Stovall, Scott; Munson, Clifford; Williams, Megan; Li, Yong; Hirschman, Thomas; Walker, Wayne; Owsade, Eric; Singal, Balwant; Markley, Michael; Jackson, Diane; DiFrancesco, Nicholas; Whaley, Sheena; Uselding, Lara; Burnell, Scott; OKeefe, Neal; Farnholtz, Thomas; Manoh, Kunal; Reynolds, John; and Britton, David; Michael; Buchanan, Theresa; Rock, Andrea; Woelver, Thomas  
**Cc:** Kenatas, Catherine; Boiv/OGC, David  
**Subject:** internal meeting to determine if changes to the communication plan for the Diablo Canyon State of California report need to be made based on a preliminary assessment of the report (Tac MF4750, MF4751)  
**Start:** Tuesday, September 09, 2014 2:00:00 PM  
**End:** Tuesday, September 09, 2014 3:00:00 PM  
**Location:** HQ-TWFN-07C02-20p  
**Attachments:** DC Calif seismic rx comm plan 9-9-14 revised.docx  
Diablo State of California seismic report review plan revision 4.docx

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Note: Scheduler updated to include latest revised version of the communication plan and project plan

Previous update to scheduler made to correct tac numbers in subject title (i.e., please use MF4750, and MF4751 for review) and to change the agenda to add a discussion about whether or not a publicly noticed phone call will be needed and changes to the project plan due to information to calculate a seismic core damage frequency not being available in the short term.

Bridge #: 888-677-0690

Passcode:

Purpose: For Cliff Munson, Megan Williams, Scott Stovall, and Yong Li, to provide a collective assessment on whether or not changes to the draft communication plan and draft project plan associated with the Diablo Canyon State of California report need to be made based on their quick look at the report

Outcome: Decision made on whether or not changes to communication plan and project plan need to be made

Agenda:

Cliff, Megan, Scott, and Yong, brief the team on their assessment of the information in the State of California report

Decision made on whether or not changes to the communication plan need to be made

Discussion of whether or not a publicly noticed phone call with PG&E will be needed in the September time frame

III. Discussion of changes to project plan based on information needed to calculate a seismic core damage frequency not being available in the short term

Changes to project plan made to: 1) condense purpose, 2) change review process section recognizing the that seismic core damage frequency cannot be calculated in the short term, 3) add the possibility of a publicly noticed phone call around mid-September, and 4) other miscellaneous changes

Next steps

Wrapup

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~~SENSITIVE INTERNAL INFORMATION - NOT FOR PUBLIC RELEASE~~

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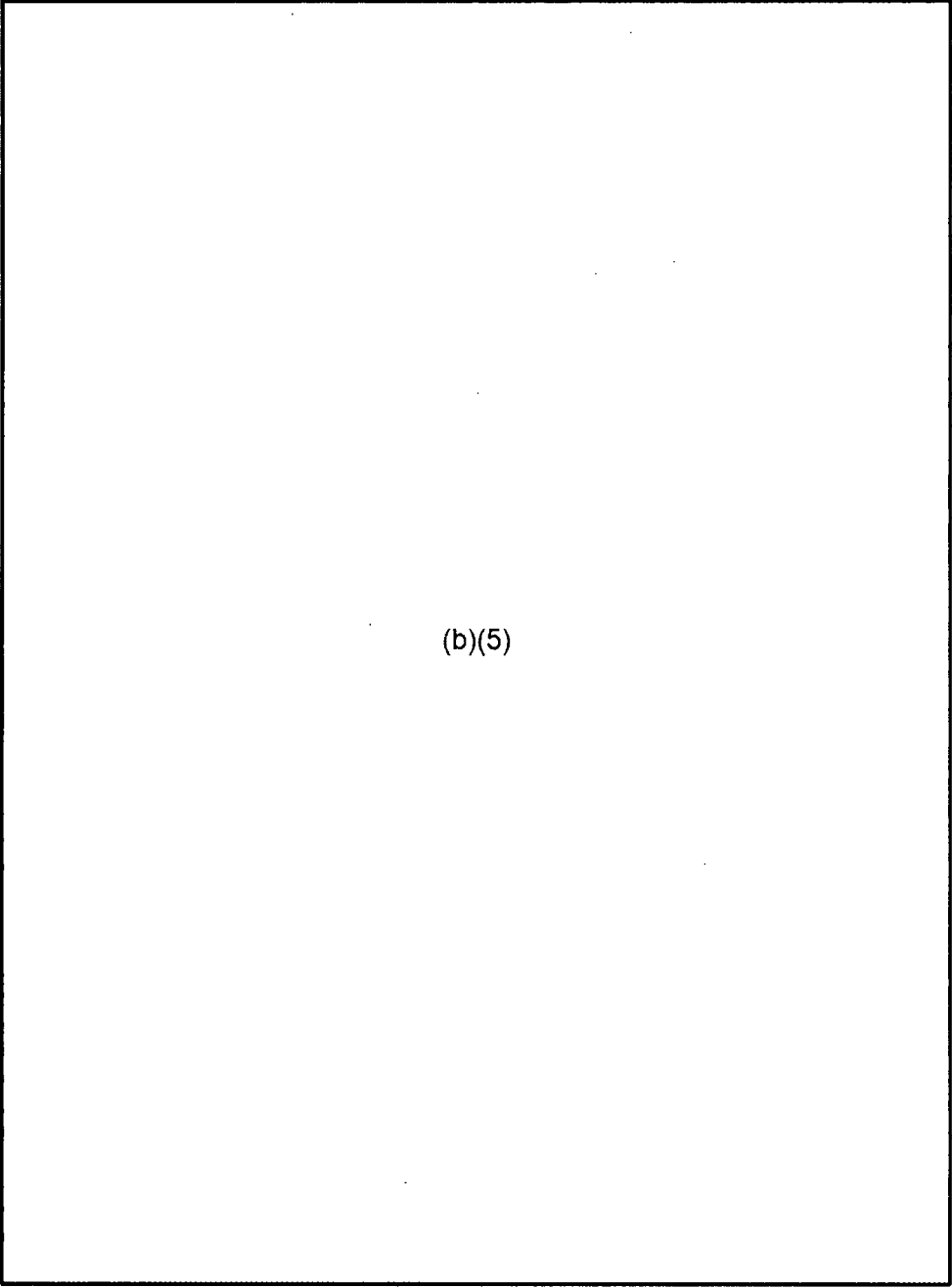
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~~SENSITIVE INTERNAL INFORMATION - NOT FOR PUBLIC RELEASE~~

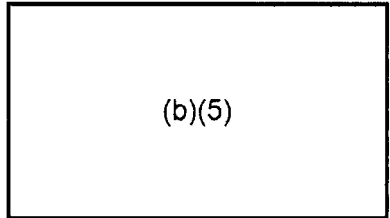
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~~SENSITIVE INTERNAL INFORMATION - NOT FOR PUBLIC RELEASE~~

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**From:** Soenen, Philippe R  
**To:** Schroder, Joseph  
**Subject:** PG&E attendees on phone call  
**Date:** Monday, September 08, 2014 4:08:30 PM

---

Joe,

Below is a list of individuals from PG&E who participated on the phone call:

Rich Klimczak  
Nozar Jahangir  
Norm Abrahamson  
Philippe Soenen

Philippe Soenen

Supervisor, Licensing  
Regulatory Services - DCP  
Office - 805.545.6984  
Cell - (b)(6)

**From:** Sebrosky, Joseph  
**To:** Williams, Megan  
**Cc:** Walker, Wayne  
**Subject:** FW: DCPD Electronic Reading Room  
**Date:** Monday, September 08, 2014 1:04:00 PM

---

Megan,

Cliff and Scott are having troubles accessing the site. I will keep you informed of the resolution for them. In the interim, please let me know if you are experiencing problems accessing the site through certrec.

Thanks,

Joe

**From:** Soenen, Philippe R [mailto:PNS3@pge.com]  
**Sent:** Monday, September 08, 2014 12:59 PM  
**To:** Sebrosky, Joseph; Munson, Clifford  
**Subject:** FW: DCPD Electronic Reading Room

Philippe Soenen

Supervisor, Licensing  
Regulatory Services - DCPD  
Office - 805.545.6984  
Cell - (b)(6)

**From:** Dale Lawson [mailto:dale.lawson@certrec.com]  
**Sent:** Friday, September 05, 2014 7:22 AM  
**To:** Soenen, Philippe R  
**Subject:** Re: DCPD Electronic Reading Room

Good morning Philippe,

Sorry for the delay in responding to your request. The 4 NRC individuals below now have access to the PG&E ERR site and all but Scott Stovall have been notified via our system of their new access or account that was set up.

Scott Stovall – Already had access to Certrec and the PG&E site has been added.

Cliff Munson – Already had an account but never used his verification code to activate it. He's been sent another verification email.

Megan Williams – Did not have access but has now been sent the verification email.

Yong Li – Did not have access either but the email has been sent.

I will be sending Scott an email shortly to let him know. We are also working on ensuring they only have access to the Diablo Canyon library. At the moment they will have restricted

G20

access to both libraries but I have IT working on it to limit their access accordingly. For some reason the system is not allowing the capability like it should. I will keep you informed of the progress on this.

Thank you.

*Dale Lawson*

Customer Support Specialist II

- Certrec Corporation

P: 817-738-7661

[support@certrec.com](mailto:support@certrec.com)

---

**From:** "Philippe R Soenen" <[PNS3@pge.com](mailto:PNS3@pge.com)>

**To:** "dale lawson" <[dale.lawson@certrec.com](mailto:dale.lawson@certrec.com)>

**Sent:** Thursday, September 4, 2014 10:12:18 AM

**Subject:** DCPD Electronic Reading Room

Dale,

Please provide access for the following NRC members to the DCPD Electronic Reading Room only.

Scott Stovall – [scott.stovall@nrc.gov](mailto:scott.stovall@nrc.gov)

Cliff Munson – [clifford.munson@nrc.gov](mailto:clifford.munson@nrc.gov)

Megan Williams – [megan.williams@nrc.gov](mailto:megan.williams@nrc.gov)

Yong Li – [yong.li@nrc.gov](mailto:yong.li@nrc.gov)

How are these individuals notified of their access? Especially if these individuals already have Certrec access from through other sites (don't know if this is the case).

Thanks,

Philippe Soenen

Supervisor, Licensing

Regulatory Services - DCPD

- Office - 805.545.6984

Cell - (b)(6)

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PG&E is committed to protecting our customers' privacy.

To learn more, please visit <http://www.pge.com/about/company/privacy/customer/>

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**From:** Sebrosky, Joseph  
**To:** "Soenen, Philippe RC"; "Baldwin, Thomas (DCPP)" (TRB1@pge.com)  
**Cc:** Oesterle, Eric  
**Subject:** RE: phone call with PG&E to discuss their ability to provide seismic information in the Sept 2014 time frame  
**Date:** Monday, September 08, 2014 12:40:00 PM  
**Attachments:** Request to provide feedback on ability to provide Olablo Canyon seismic information by September 22 2014.msg

---

Philippe and Tom,

Per PG&E's request the time for the call this afternoon has changed to 4:00 pm eastern (1:00 pm pacific). Let me know if you have any questions.

Thanks,

Joe

-----Original Appointment-----

**From:** Sebrosky, Joseph  
**Sent:** Monday, September 08, 2014 6:21 AM  
**To:** Sebrosky, Joseph; Munson, Clifford; Stovall, Scott; Li, Yong; Williams, Megan; Manoly, Kamal; Oesterle, Eric; Markley, Michael; Jackson, Diane; Kock, Andrea; Hipschman, Thomas; Walker, Wayne; Buchanan, Theresa; DiFrancesco, Nicholas  
**Subject:** phone call with PG&E to discuss their ability to provide seismic information in the Sept 2014 time frame  
**When:** Monday, September 08, 2014 4:00 PM-4:30 PM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** headquarters staff meeting in cliff munson's office (T- 7D9)

Note: Scheduler updated to change time of call due to PG&E availability. The room location has also changed. Cliff and Scott will most like support the call from Cliff's office. The rest of the NRC headquarters staff will be calling in. Note that bridge number and passcode remain the same.

If you are not one of the people listed below please let me know that you plan to participate. Currently, I believe the following will participate in the call:

Cliff Munson (NRO), Scott Stovall (RES), Wayne Walker (RIV), Megan Williams (RIV), Eric Oesterle (DORL), and Joe Sebrosky (DORL). Tom Hipschman (SRI) may also participate.

If you wish to participate and you are not on the list please let me know – Thanks, Joe

A bridge line has been established.

Bridge #: 888-677-0690

Passcode: 

Purpose: Phone call with PG&E to discuss PG&E's ability to provide additional

921

**seismic information in the September 2014 time frame**

**Outcome: Staff has a clear understanding of what information PG&E can provide in the short term and what information can be provided in the longer term**

**Agenda:**

**I. Background**

**a. Staff provided following email identifying 6 possible information needs in the short term**

**II. PG&E to discuss which information can be provided in the near term and which items are longer term items**

**III. Next steps**

**IV. Wrapup**



**From:** Sebrosky, Joseph  
**To:** Munson, Clifford; Stovall, Scott; Li, Yong; Williams, Megan; Mandly, Kanak; Oesterle, Eric; Markiev, Michael; Jackson, Dale; Kock, Andrea; Hipschman, Thomas; Walker, Wayne; Buchanan, Theresa; DiFrancesco, Nicholas  
**Subject:** phone call with PG&E to discuss their ability to provide seismic information in the Sept 2014 time frame  
**Start:** Monday, September 08, 2014 4:00:00 PM  
**End:** Monday, September 08, 2014 4:30:00 PM  
**Location:** headquarters staff meeting in cliff munson's office (T- 7D9)  
**Attachments:** Request to provide feedback on ability to provide Diablo Canyon seismic information by September 22 2014.msg

---


Note: Scheduler updated to change time of call due to PG&E availability. The room location has also changed. Cliff and Scott will most like support the call from Cliff's office. The rest of the NRC headquarters staff will be calling in. Note that bridge number and passcode remain the same.

If you are not one of the people listed below please let me know that you plan to participate. Currently, I believe the following will participate in the call:

Cliff Munson (NRO), Scott Stovall (RES), Wayne Walker (RIV), Megan Williams (RIV), Eric Oesterle (DORL), and Joe Sebrosky (DORL). Tom Hipschman (SRI) may also participate.

If you wish to participate and you are not on the list please let me know – Thanks, Joe

A bridge line has been established.

Bridge #: 888-677-0690  
Passcode: 

Purpose: Phone call with PG&E to discuss PG&E's ability to provide additional seismic information in the September 2014 time frame

Outcome: Staff has a clear understanding of what information PG&E can provide in the short term and what information can be provided in the longer term

Agenda:

Background

Staff provided following email identifying 6 possible information needs in the short term

- II. PG&E to discuss which information can be provided in the near term and which items are longer term items
- III. Next steps
- IV. Wrapup

G22

**From:** Sebrosky, Joseph  
**To:** "Soenen, Philippe R"; "Baldwin, Thomas (DCPP)" (TRB)@pgc.com  
**Subject:** info: phone call with PG&E to discuss their ability to provide seismic information in the Sept 2014 time frame  
**Date:** Monday, September 08, 2014 7:14:00 AM  
**Attachments:** Request to provide feedback on ability to provide Diablo Canyon seismic information by September 22 2014.msg

---

Philippe and Tom,

Below are the details for the subject call today. The proposed time for the call is 2:00 pm eastern, 11:00 am pacific. Please let me know if this time is acceptable.

Sincerely,

Joe Sebrosky

Senior Project Manager

Japan Lessons-Learned Division

Office of Nuclear Reactor Regulation

joseph.sebrosky@nrc.gov

301-415-1132

-----Original Appointment-----

**From:** Sebrosky, Joseph

**Subject:** phone call with PG&E to discuss their ability to provide seismic information in the Sept 2014 time frame

**When:** Monday, September 08, 2014 2:00 PM-2:30 PM (UTC-05:00) Eastern Time (US & Canada).

**Where:** HQ-TWFFN-10C01-15p

A bridge line has been established.

Bridge #: 55483

Passcode:

**Purpose:** Phone call with PG&E to discuss PG&E's ability to provide additional seismic information in the September 2014 time frame

**Outcome:** Staff has a clear understanding of what information PG&E can provide in the short term and what information can be provided in the longer term

**Agenda:**

I. Background

a. Staff provided following email identifying 6 possible information needs in the

G23

**short term**

**II. PG&E to discuss which information can be provided in the near term and which items are longer term items**

**III. Next steps**

**IV. Wrapup**

**From:** Sebrosky, Joseph  
**To:** [Margoy, Kamal](#)  
**Cc:** [Li, Yong](#); [Oesterle, Eric](#)  
**Subject:** FW: Info: A request has been made to PG&E that you be provided to the State of California report on 9/8/14  
**Date:** Monday, September 08, 2014 7:07:00 AM  
**Attachments:** [DC\\_Calif\\_seismic\\_rpt\\_comm\\_plan 8-29-14 revision.docx](#)  
[Diablo State of California seismic report review plan revision 2.docx](#)

---

Kamal,

Can you give me a call when you get a chance. I just received an out of office reply indicating Yong is out this week. As long as Cliff, Scott and Megan are taking a quick look at the report I think we are OK. You need to tell me ASAP if DE needs to look at the report and if so who it should be.

Any insights would be appreciated.

Thanks,

Joe

**From:** Sebrosky, Joseph  
**Sent:** Thursday, September 04, 2014 10:35 AM  
**To:** Stovall, Scott; Munson, Clifford; Williams, Megan; Li, Yong  
**Cc:** Hipschman, Thomas; Walker, Wayne; Oesterle, Eric; Singal, Balwant; Markley, Michael; Jackson, Diane; OKeefe, Neil; Uselding, Lara; DiFrancesco, Nicholas; Whaley, Sheena  
**Subject:** info: A request has been made to PG&E that you be provided to the State of California report on 9/8/14

Scott, Cliff, Megan and Yong,

The purpose of this email is to inform you that the process has begun to get you access to the State of California report on 9/8/14 and to identify near term steps in the process.

PG&E has been requested to provide you access to the State of California report on 9/8/14 through the certrec electronic reading room (ERR). You will be able to view the document but will be unable to print or download the information. The following is information relative to the review:

- The tac to charge to this effort is MF4720, and MF4721, Diablo 1 and 2, "Review Diablo Canyon Seismic Report Submitted to State of California and Other Associated Activities."
- The purpose of the preliminary review is to identify changes that need to be made to the attached draft communication plan and project plan ahead of the public release of the document on 9/10/14
- You will be notified via email when the information is available in the certrec ERR by Philippe Soenen of PG&E
  - PG&E is not sure what time of day the information will be made available (I hope to get clarity on this)
  - PG&E is making arrangements for the State of California to also be granted access around the same time we are granted access

G24

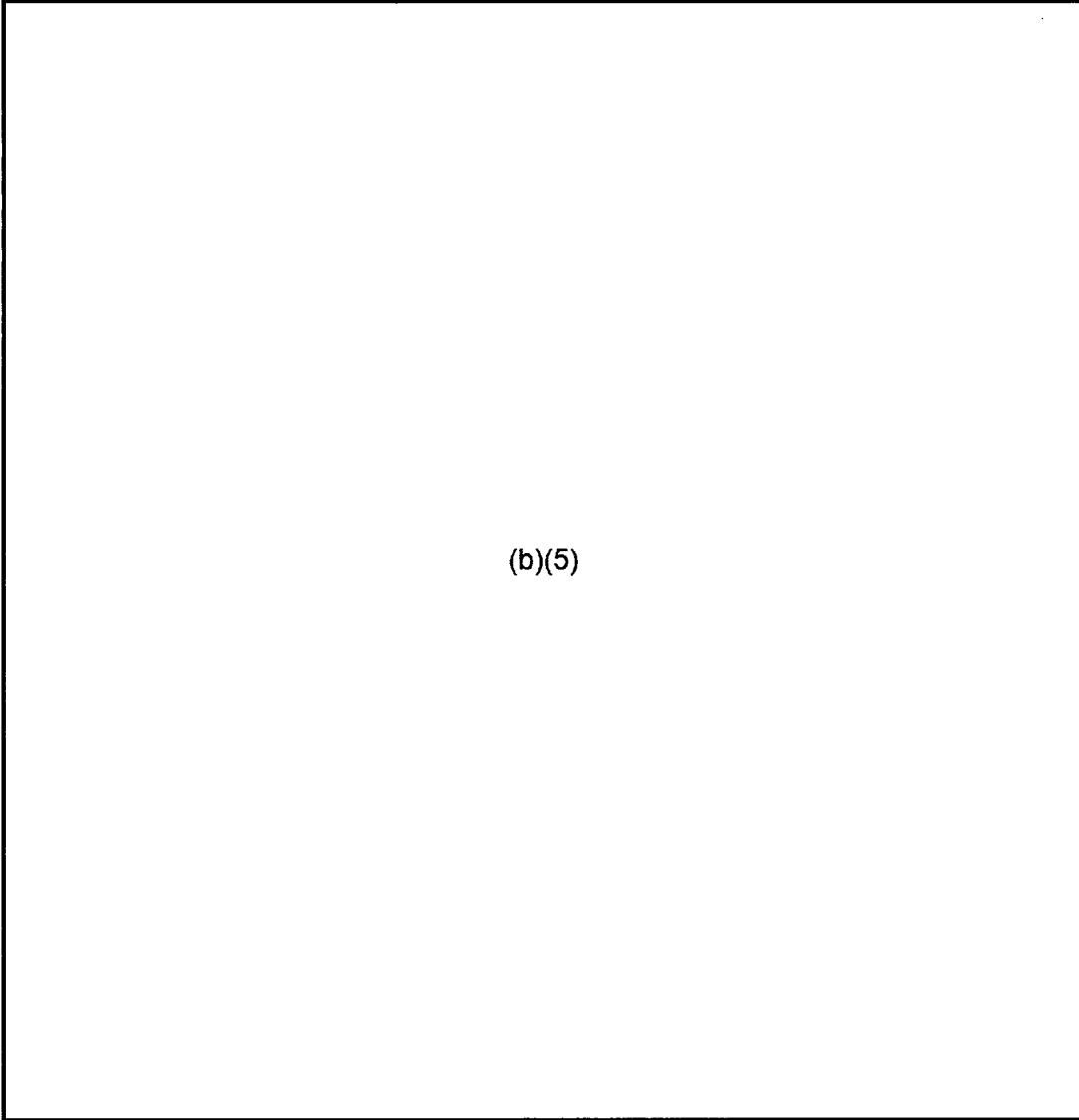
- PG&E is still targeting public release of the document on 9/10/14 (again they are not sure what time of day this will be done)
- I will send you a scheduler for a meeting on the afternoon of 9/9/14 so that you can collectively provide your preliminary assessment to key NRC personnel of the information and provide a recommendation on whether or not changes to the communication plan are needed (Note: I am fundamentally assuming that if you need to confer with each other you will pick up the phone and talk to each other prior to this meeting)
- I will send you a scheduler for a meeting on 9/15/14 to discuss our more detailed (still preliminary) assessment of the report. In accordance with the attached project plan confirmation of the information that we need from PG&E in order to provide a recommendation to management is to be done on 9/15/14. Cliff suggested that the technical staff meet on 9/15 to collectively discuss their assessment of the report.

Please let me know if you have any questions about the above.

Thanks,

Joe Sebrosky  
Senior Project Manager  
Japan Lessons-Learned Division  
Office of Nuclear Reactor Regulation  
[joseph.sebrosky@nrc.gov](mailto:joseph.sebrosky@nrc.gov)  
301-415-1132

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**From:** Sebrosky, Joseph  
**To:** Kock, Andrea  
**Cc:** Munson, Clifford  
**Subject:** RE: info and action: status of diablo canyon state of california report regarding seismic issues  
**Date:** Monday, September 08, 2014 6:51:00 AM

---

I just sent you the scheduler.

Joe

**From:** Kock, Andrea  
**Sent:** Monday, September 08, 2014 6:35 AM  
**To:** Sebrosky, Joseph  
**Cc:** Munson, Clifford  
**Subject:** Re: info and action: status of diablo canyon state of california report regarding seismic issues

Joe- thanks so much for the update. Can you either invite me to the meeting tomorrow to discuss early insights on the report or send a summary of where we are after the meeting? I'm interested in any early issues we may identify and whether the information that the licensee can provide will be sufficient for us to make a safety conclusion. I have an all day meeting tomorrow, but depending on the time, I may be able to step out.

Thanks!

Sent from NRC blackberry  
Andrea Kock

(b)(6)

**From:** Sebrosky, Joseph  
**Sent:** Monday, September 08, 2014 05:47 AM  
**To:** Markley, Michael; Munson, Clifford; Stovall, Scott; Kock, Andrea; Williams, Megan; Li, Yong; Oesterle, Eric  
**Cc:** Weil, Jenny; Manoly, Kamal; Lund, Louise; Dudek, Michael; Case, Michael; Burnell, Scott; Hay, Michael; Franovich, Mike; Whaley, Sheena; Bowman, Gregory; Bowen, Jeremy; Moreno, Angel; Balazik, Michael; Singal, Balwant; Farnholtz, Thomas; Kanatas, Catherine; Hipschman, Thomas; Reynoso, John; Ake, Jon; Folk, Kevin; DiFrancesco, Nicholas; Balazik, Michael; Reynoso, John; Hill, Brittain; Walker, Wayne; Uselding, Lara; Buchanan, Theresa; Keegan, Elaine; Jackson, Diane; Wittick, Brian; Harris, Brian; Roth(OGC), David; Kanatas, Catherine; OKeefe, Neil  
**Subject:** info and action: status of diablo canyon state of california report regarding seismic issues

Cliff, Scott, Yong, and Megan.

The purpose of this email is to:

- 1) inform you when you can expect to receive access to the Diablo Canyon State of California seismic report.
- 2) inform you that I will be sending you a scheduler for a phone call this afternoon with PG&E to discuss their feedback on whether or not they will be able to provide responses to the 6 questions we developed in the September time frame, and
- 3) Provide a general status of other items related to the Status of Diablo Canyon seismic issues

G25

I am copying several other folks on this email for their awareness.

#### Access to Report

PG&E informed me over the weekend that the four of you (i.e., Cliff, Scott, Yong, and Megan) can expect to receive access to the report today (9/8) at 11:00 am eastern time (8:00 am Pacific). PG&E is still targeting the public release of the information on 9/10. DORL has changed the tac to which you should charge your review time. The new tacs are MF4750, and MF4751. You will be receiving an email from Philippe Soenen of PG&E that will explain how to get access through certrec. You will not be able to download or print the material. PG&E is also making arrangements for some State of California officials to review a hard copy of the report around the same time we get access.

#### PG&E's Ability to Provide Response to 6 Questions in the September Time Frame

PG&E also informed me over the weekend that they will not be able to provide a response to all of the 6 questions in the attached email in the September time frame. They would like to have a phone call this afternoon to discuss which items they maybe to answer in the short term and which items may not be available until March of 2014. I will send the four of you a separate scheduler for this call. In addition to you, I will include the following individuals on the scheduler (Eric Oesterle, Mike Markley, Diane Jackson, Andrea Kock, Tom Hipschman, Wayne Walker, and Theresa Buchanan).

#### Status of Other Items

- You should have a scheduler for an internal meeting tomorrow to discuss your insights based on a quick look at the report on whether or not changes to the communication plan or draft project plan are needed.
- There is a possibility that the DPO, the DPO recommendation, and the DPO appeal, will be made publicly available this week. DORL is working on coordinating updating the DPO communication plan based on the public availability of this information.

Let me know if you have any questions.

Thanks,

Joe Sebrosky

**From:** Sebrosky, Joseph  
**To:** ~~Burnell, Scott~~  
**Subject:** RE: info and action: status of diablo canyon state of california report regarding seismic issues  
**Date:** Monday, September 08, 2014 6:05:00 AM

---

Yes – sorry for the confusion - joe

**From:** Burnell, Scott  
**Sent:** Monday, September 08, 2014 6:01 AM  
**To:** Sebrosky, Joseph  
**Subject:** Re: info and action: status of diablo canyon state of california report regarding seismic issues

Morning Joe;

Typo below? I think you meant PG&E said March 2015 for some replies?

Scott

Sent from an NRC Blackberry  
Scott Burnell

(b)(6)

**From:** Sebrosky, Joseph  
**Sent:** Monday, September 08, 2014 05:47 AM  
**To:** Markley, Michael; Munson, Clifford; Stovall, Scott; Kock, Andrea; Williams, Megan; Li, Yong; Oesterle, Eric  
**Cc:** Weil, Jenny; Manoly, Kamal; Lund, Louise; Dudek, Michael; Case, Michael; Burnell, Scott; Hay, Michael; Franovich, Mike; Whaley, Sheena; Bowman, Gregory; Bowen, Jeremy; Moreno, Angel; Balazik, Michael; Singal, Balwant; Farnholtz, Thomas; Kanatas, Catherine; Hipschman, Thomas; Reynoso, John; Ake, Jon; Folk, Kevin; DiFrancesco, Nicholas; Balazik, Michael; Reynoso, John; Hill, Brittain; Walker, Wayne; Uselding, Lara; Buchanan, Theresa; Keegan, Elaine; Jackson, Diane; Wittick, Brian; Harris, Brian; Roth(OGC), David; Kanatas, Catherine; OKeefe, Neil  
**Subject:** info and action: status of diablo canyon state of california report regarding seismic issues

Cliff, Scott, Yong, and Megan.

The purpose of this email is to:

- 1) inform you when you can expect to receive access to the Diablo Canyon State of California seismic report.
- 2) inform you that I will be sending you a scheduler for a phone call this afternoon with PG&E to discuss their feedback on whether or not they will be able to provide responses to the 6 questions we developed in the September time frame, and
- 3) Provide a general status of other items related to the Status of Diablo Canyon seismic issues

I am copying several other folks on this email for their awareness.

Access to Report

PG&E informed me over the weekend that the four of you (i.e., Cliff, Scott, Yong, and

G26

**From:** Sabrosky, Jason  
**To:** Stovall, Scott; Munson, Clifford; Williams, Megan; Li, Yong; Hipschenman, Thomas; Walker, Wayne; Cesterie, Eric; Singal, Balwant; Markley, Michael; Jackson, Diane; DiFrancesco, Nicholas; Whaley, Sheena; Uselding, Lara; Burnett, Scott; O'Keefe, Neil; Larnholtz, Thomas; Manoly, Kamal; Reynolds, John; Hill, Brittan; Dudek, Michael  
**Cc:** Kanatas, Catherine; Both(OGC), David  
**Subject:** internal meeting to determine if changes to the communication plan for the Diablo Canyon State of California report need to be made based on a preliminary assessment of the report (Tac MF4720, MF4721)  
**Start:** Tuesday, September 09, 2014 2:00:00 PM  
**End:** Tuesday, September 09, 2014 3:00:00 PM  
**Location:** HQ-TWFFN-07C02-20p  
**Attachments:** Diablo State of California seismic report review plan revision 1.docx  
DC Calif seismic rpt comm plan 8-29-14 revision.docx

---

Bridge #: 888-677-0690

Passcode: (b)(6)

Purpose: For Cliff Munson, Megan Williams, Scott Stovall, and Yong Li, to provide a collective assessment on whether or not changes to the draft communication plan and draft project plan associated with the Diablo Canyon State of California report need to be made based on their quick look at the report

Outcome: Decision made on whether or not changes to communication plan and project plan need to be made

Agenda:

Cliff, Megan, Scott, and Yong, brief the team on their assessment of the information in the State of California report  
Decision made on whether or not changes to the attached communication plan or project plan need to be made

- III. Next steps
- IV. Wrapup

G27

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**Dudek, Michael**

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**From:** Dudek, Michael  
**Sent:** Wednesday, September 03, 2014 1:11 PM  
**To:** Oesterle, Eric  
**Subject:** RE: info: status of actions associated with with Diablo Canyon shoreline fault

Thanks Eric! Can I give this to the Commission?

**Michael I. Dudek | OEDO Executive Technical Assistant | U.S. NRC**

**✉:** [Michael.Dudek@nrc.gov](mailto:Michael.Dudek@nrc.gov) | **☎:** (301) 415-6500 | **BB:** (b)(6)

**From:** Oesterle, Eric  
**Sent:** Wednesday, September 03, 2014 1:09 PM  
**To:** Sebrosky, Joseph; Hipschman, Thomas; Markley, Michael; Kanatas, Catherine; Reynoso, John; Manoly, Kamal; Ake, Jon; Munson, Clifford; OKeefe, Neil; Folk, Kevin; DiFrancesco, Nicholas; Balazik, Michael; Reynoso, John; Singal, Balwant; Hill, Brittain; Walker, Wayne; Uselding, Lara; Buchanan, Theresa; Keegan, Elaine; Jackson, Diane; Wittick, Brian; Stovall, Scott  
**Cc:** Weil, Jenny; Li, Yong; Manoly, Kamal; Lund, Louise; Dudek, Michael; Case, Michael; Burnell, Scott; Hay, Michael; Franovich, Mike; Whaley, Sheena; Bowman, Gregory; Bowen, Jeremy; Moreno, Angel; Balazik, Michael; Williams, Megan; Farnholtz, Thomas; Kanatas, Catherine; Pedersen, Renee  
**Subject:** RE: info: status of actions associated with with Diablo Canyon shoreline fault

To all,

Attached are the updated Key Messages. They incorporate comments from OPA and Mike Hay. And they retain bullets on the expected submittal date of PG& Seismic Report to CA and to NRC as we'll need these key messages up to and following those dates (i.e.. 9/10).

Eric

**From:** Sebrosky, Joseph  
**Sent:** Wednesday, September 03, 2014 11:35 AM  
**To:** Hipschman, Thomas; Markley, Michael; Oesterle, Eric; Kanatas, Catherine; Reynoso, John; Manoly, Kamal; Ake, Jon; Munson, Clifford; OKeefe, Neil; Folk, Kevin; DiFrancesco, Nicholas; Balazik, Michael; Reynoso, John; Singal, Balwant; Hill, Brittain; Walker, Wayne; Uselding, Lara; Buchanan, Theresa; Keegan, Elaine; Jackson, Diane; Wittick, Brian; Stovall, Scott  
**Cc:** Weil, Jenny; Li, Yong; Manoly, Kamal; Lund, Louise; Dudek, Michael; Case, Michael; Burnell, Scott; Hay, Michael; Franovich, Mike; Whaley, Sheena; Bowman, Gregory; Bowen, Jeremy; Moreno, Angel; Balazik, Michael; Williams, Megan; Farnholtz, Thomas; Kanatas, Catherine; Pedersen, Renee  
**Subject:** info: status of actions associated with with Diablo Canyon shoreline fault

To all,

The purpose of this email is to provide you with a status of items associated with the Diablo Canyon seismic review related to status of the project plan to review new seismic information and the latest information regarding a Chairman briefing.

Project Plan for Reviewing New Seismic Information

Attached is the revised project plan for reviewing new seismic information. The document shows the changes made from the last revision (you can accept all changes if you are not interested in the changes). The major changes from the last version are:

G28

**From:** Dapas, Marc  
**To:** Markley, Michael; Embrosky, Joseph  
**Cc:** Dorman, Dan; Walker, Wayne; OKeefe, Neil  
**Subject:** FW: Info regarding Chairman Brief on Diablo Canyon seismic issues  
**Date:** Wednesday, September 03, 2014 12:54:54 PM  
**Attachments:** Diablo State of California seismic report review plan revision 1.docx  
Request to provide feedback on ability to provide Diablo Canyon seismic information by September 22 2014.msg

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Mike/Joe, I just learned this morning of the subject briefing request by the Chairman. I presume NRR is taking the lead for the briefing given the subject matter being related to the DPO and AB 1632 report.

**From:** Dapas, Marc  
**Sent:** Wednesday, September 03, 2014 11:52 AM  
**To:** Walker, Wayne; OKeefe, Neil  
**Subject:** FW: Info regarding Chairman Brief on Diablo Canyon seismic issues

Who is leading the briefing, NRR?

**From:** Bowers, Anthony  
**Sent:** Wednesday, September 03, 2014 10:57 AM  
**To:** Dapas, Marc  
**Subject:** Info regarding Chairman Brief on Diablo Canyon seismic issues

Marc,

For your awareness...

I heard your line of questioning during the events brief today at 11:00. I did not speak up since I felt it was appropriate for your staff to brief you first. However, with that said I will give you a heads up on what I know and what to expect during the brief. The below language is a quote from the Chairman's staff (Nanette Gilles), which provides perspective on her specific interests to be addressed during the brief.

"The Chairman wants to understand exactly what Mr. Peck was taking issue with in his DPO. We've heard over and over that he did not have a safety concern, yet that isn't how it is being presented in (most of) the media. She also wants to understand, **from a technical standpoint**, what the State-commissioned study did differently that resulted in the conclusion that the Shoreline Fault is more capable than previously thought and why we can still say that it is bounded by Hosgri.

I suggest staff also be ready to address the current licensing basis and our basis for saying that the Shoreline Fault was bounded by the Hosgri fault, if asked. For example, the draft Comm Plan says:

The NRC's independent evaluation, documented in RIL 2012-01, concluded that there is very little evidence that the Shoreline fault has ever been active. While its size was used to create a worst reasonable case ground motion curve, the region shows only some symptoms of a fault. There is no evidence that there is slippage, which would indicate this was an active fault in the past. Therefore, it is reasonable to bound the Shoreline fault by the LTSP/Hosgri method.

G29

This makes it sound like, because we don't think the Shoreline fault was really ever active, we can "therefore" bound it by the Hosgri method. I suspect there's more to it."

In addition, attendees for the brief are listed in the below e-mail from Joseph Sebrosky.


Please let me know if you need anything additional.

Tony

**From:** Dudek, Michael  
**Sent:** Wednesday, September 03, 2014 11:39 AM  
**To:** Bowers, Anthony  
**Subject:** FYI: info: status of actions associated with with Diablo Canyon shoreline fault

FYI

**Michael I. Dudek | OEDO Executive Technical Assistant | U.S. NRC**

✉: [Michael.Dudek@nrc.gov](mailto:Michael.Dudek@nrc.gov) | ☎: (301) 415-6500 | BB: 

**From:** Sebrosky, Joseph  
**Sent:** Wednesday, September 03, 2014 11:35 AM  
**To:** Hipschman, Thomas; Markley, Michael; Oesterle, Eric; Kanatas, Catherine; Reynoso, John; Manoly, Kamal; Ake, Jon; Munson, Clifford; OKeefe, Neil; Folk, Kevin; DiFrancesco, Nicholas; Balazik, Michael; Reynoso, John; Singal, Balwant; Hill, Brittain; Walker, Wayne; Uselding, Lara; Buchanan, Theresa; Keegan, Elaine; Jackson, Diane; Wittick, Brian; Stovall, Scott  
**Cc:** Weil, Jenny; Li, Yong; Manoly, Kamal; Lund, Louise; Dudek, Michael; Case, Michael; Burnell, Scott; Hay, Michael; Franovich, Mike; Whaley, Sheena; Bowman, Gregory; Bowen, Jeremy; Moreno, Angel; Balazik, Michael; Williams, Megan; Farnholtz, Thomas; Kanatas, Catherine; Pedersen, Renee  
**Subject:** info: status of actions associated with with Diablo Canyon shoreline fault

To all,

The purpose of this email is to provide you with a status of items associated with the Diablo Canyon seismic review related to status of the project plan to review new seismic information and the latest information regarding a Chairman briefing.

#### Project Plan for Reviewing New Seismic Information

Attached is the revised project plan for reviewing new seismic information. The document shows the changes made from the last revision (you can accept all changes if you are not interested in the changes). The major changes from the last version are:

- Changes made to include expectations that in addition to changes in Shoreline Fault information the State of California report will also include new information relative to the San Luis Bay and Los Osos faults.
- Recognition that today (9/3) PG&E has been provided with expected information needs for the staff to perform a preliminary assessment of the new seismic

information and request to PG&E that they inform the staff on whether or not they will be able to provide the information by 9/22 (see attached email to PG&E)

During discussions I had with PG&E about the attached email they indicated that they could support a public meeting in the September time frame if the NRC believed such a meeting was necessary to discuss the State of California report. DORL senior management does not currently believe such a public meeting is necessary, therefore, a public meeting is not currently reflected in the attached project plan.

In addition, PG&E has confirmed that they will be providing electronic reading room access to the State of California and key NRC reviewers on 9/8/14, ahead of the tentative public release of the report on 9/10. The NRC individuals for which will be requesting access are: Cliff Munson, Scott Stovall, Yong Li, and Megan Williams. The purpose of the electronic reading room review is to identify changes to the communication plan and project plan ahead of the public release of the State of California report on 9/10/14.

#### Chairman Briefing

At her request a briefing of the Chairman has been scheduled from 9:15 (eastern time) to 10:00 am tomorrow (9/4) to answer her questions relative to the DPO and how the NRC will review the new seismic information.

- The participants in the briefing are: – Neil O'Keefe (RIV), Cathy Kanatas (OGC), Cliff Munson (NRO), Kamal Manoly (NRR/DE), Mike Markley (DORL), Scott Stovall (RES), and Renee Pedersen (OE).
- A draft copy of the slides will be provided to all on distribution for this email around 1:00 pm eastern today. Key staff will be requested to provide their comments on the draft slides by COB today so that the slides can be revised early tomorrow morning in time for the 9:15 briefing and a quick review by the EDO's office prior to the 9:15 eastern time briefing.

Please let me know if you have any questions about the above.

Thanks.

Joe Sebrosky  
Senior Project Manager  
Japan Lessons-Learned Division  
Office of Nuclear Reactor Regulation  
[joseph.sebrosky@nrc.gov](mailto:joseph.sebrosky@nrc.gov)  
301-415-1132





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## Japan Lessons Learned

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**From:** Sebrosky, Joseph  
**To:** "Soenen, Philippe R"  
**Subject:** RE: question: do you know where a 9/10/14 letter from Diablo is in the process  
**Date:** Friday, September 12, 2014 11:00:00 AM

---

Philippe,

Thanks for the prompt response.

Joe

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

**From:** Soenen, Philippe R [<mailto:PNS3@pge.com>]  
**Sent:** Friday, September 12, 2014 11:00 AM  
**To:** Sebrosky, Joseph  
**Cc:** Nguyen, Kenny; Singal, Balwant  
**Subject:** Re: question: do you know where a 9/10/14 letter from Diablo is in the process

Joe,

The DVD is a copy the of the hardcopy report. It is provided for ease of getting into ADAMS.

Philippe Soenen

Sent from my iPhone

On Sep 12, 2014, at 7:36 AM, "Sebrosky, Joseph"  
<[Joseph.Sebrosky@nrc.gov](mailto:Joseph.Sebrosky@nrc.gov)<<mailto:Joseph.Sebrosky@nrc.gov>>> wrote:

I do not know. I will check with the licensee.

Philippe,

Can you confirm whether or not the CDs that the courier delivered on Friday are in addition to or are copies of the 1400 pages that were printed out. Any insights would be appreciated.

Thanks,

Joe

**From:** Nguyen, Kenny  
**Sent:** Friday, September 12, 2014 10:32 AM  
**To:** Sebrosky, Joseph  
**Cc:** Singal, Balwant  
**Subject:** RE: question: do you know where a 9/10/14 letter from Diablo is in the process

Joe,

There is also a CD submitted. Are the files on the CD the same as the hard copies?

Thanks,  
Kenny Nguyen  
Project Officer/IT Specialist  
Office: 301-287-0786  
Mailstop: 3WFN-04C64M

Alternate location on Thursdays

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G30

From: Sebrosky, Joseph  
Sent: Friday, September 12, 2014 9:53 AM  
To: Nguyen, Kenny  
Cc: Singal, Balwant  
Subject: question: do you know where a 9/10/14 letter from Diablo is in the process

Kenny,

I hand carried a 1400 page plus report to the document processing center on Wednesday afternoon. The cover letter is attached. Any insights on when I can expect it to be in ADAMS would be helpful.

Thanks,

Joe

PG&E is committed to protecting our customers' privacy.  
To learn more, please visit <http://www.pge.com/about/company/privacy/customer/>

**From:** [Sebrosky, Joseph](#)  
**To:** [Markley, Michael](#); [Oesterle, Eric](#)  
**Subject:** FW: Info: technical support needs for Diablo Canyon seismic issues  
**Date:** Friday, August 29, 2014 10:51:00 AM

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FYI - joe

**From:** Hill, Brittain  
**Sent:** Friday, August 29, 2014 10:45 AM  
**To:** Sebrosky, Joseph; Jackson, Diane  
**Cc:** Case, Michael  
**Subject:** Re: info: technical support needs for Diablo Canyon seismic issues

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Thanks-

Britt

Sent from Brittain Hill's PDA

(b)(6)

**From:** Sebrosky, Joseph  
**Sent:** Friday, August 29, 2014 06:14 AM Eastern Standard Time  
**To:** Jackson, Diane  
**Cc:** DiFrancesco, Nicholas; Oesterle, Eric; Markley, Michael; Whaley, Sheena; Markley, Michael; Munson, Clifford; Ake, Jon; Li, Yong; Manoly, Kamal; OKeefe, Neil; Walker, Wayne; Hipschman, Thomas; Hill, Brittain; Singal, Balwant; Buchanan, Theresa; Balazik, Michael; Uselding, Lara  
**Subject:** info: technical support needs for Diablo Canyon seismic issues

Diane,

The purpose of this email is to provide you with **my opinion** on the technical support needs for Diablo Canyon seismic issues. I know your question below was limited to the electronic reading room issue, but I believe there are additional non-trivial seismic review support needs. Perhaps it would be worthwhile to get the key branch chiefs together (i.e., Eric Oesterle (DORL), Sheena Whaley (NRO), Wayne Walker (RIV, DRP) and you) to discuss the near term Diablo Canyon seismic resource needs.

Below are the current issues that I believe require NRO technical support

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- The new information associated with the shoreline fault
  - The plan is outlined in the email below. The original plan to ask for immediate access to the document through the ERR process has been scrapped, however, we may take PG&E up on its offer to review the document through the ERR process two days prior to its scheduled release on 9/10/14. Regardless, Jennifer Uhle has made the decision that we should review the report in a timely manner (30 days was mentioned as being reasonable subject to change) after its public release to determine what changes, if any, need to be made to the approach to review new seismic information in accordance with the 50.54(f) process.
  - The folks that have been mentioned for review of the report (both prior to and after its release) include:
    - Yong Li, Jon Ake, Cliff Munson, Britt Hill, and potentially John Stamatakos (if we can get him through the existing NRO contract).
  - It has been communicated to PG&E by both me and RIV that we expect PG&E to submit what interim actions they have taken or plan to take based on the new shoreline fault information in accordance with guidance provided to them in an October 12, 2012, letter (see [ML120730106](#)). We will likely need NRO help in reviewing this information.

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- Communication plans
  - For now a revised communication plan for the new shoreline fault report is being used as the vehicle to lay out the plan for reviewing the document. NRO's help in reviewing the communication plan is needed, and as appropriate to help develop/review project plans.

As I indicated in another email, I am working from home this morning

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My cell number is

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Eric, Sheena, Mike and Wayne,

Please let me know if I am missing something as far as near term Diablo Canyon seismic support needs go.

Thanks,

Joe Sebrosky

**From:** Hipschman, Thomas

**Sent:** Thursday, August 28, 2014 6:31 PM

**To:** Sebrosky, Joseph; Markley, Michael; Oesterle, Eric; Kanatas, Catherine; Reynoso, John; Manoly, Kamal; Ake, Jon; Munson, Clifford; OKeefe, Neil; Folk, Kevin; Wrona, David; DiFrancesco, Nicholas; Balazik, Michael; Reynoso, John; Singal, Balwant; Hill, Brittain; Walker, Wayne; Uselding, Lara; Lyon, Fred; Buchanan, Theresa; Keegan, Elaine

**Cc:** Weil, Jenny; Li, Yong; Manoly, Kamal; Lund, Louise; Dudek, Michael; Case, Michael; Burnell, Scott; Whaley, Sheena; Hay, Michael; Uhle, Jennifer; Franovich, Mike; Whaley, Sheena; Bowman, Gregory; Bowen, Jeremy

**Subject:** RE: info: updates to Diablo Canyon shoreline fault seismic communication plan -update to 1st item

Additional update.

The licensee will make the report available in San Francisco, or via electronic reading room two days prior to its release, tentatively set for September 10<sup>th</sup>

Please contact Philippe Soenen for details

**From:** Hipschman, Thomas

**Sent:** Thursday, August 28, 2014 1:32 PM

**To:** Sebrosky, Joseph; Markley, Michael; Oesterle, Eric; Kanatas, Catherine; Reynoso, John; Manoly, Kamal; Ake, Jon; Munson, Clifford; OKeefe, Neil; Folk, Kevin; Wrona, David; DiFrancesco, Nicholas; Balazik, Michael; Reynoso, John; Singal, Balwant; Hill, Brittain; Walker, Wayne; Uselding, Lara; Lyon, Fred; Buchanan, Theresa; Keegan, Elaine

**Cc:** Weil, Jenny; Li, Yong; Manoly, Kamal; Lund, Louise; Dudek, Michael; Case, Michael; Burnell, Scott; Whaley, Sheena; Hay, Michael; Uhle, Jennifer; Franovich, Mike; Whaley, Sheena; Bowman, Gregory; Bowen, Jeremy

**Subject:** RE: info: updates to Diablo Canyon shoreline fault seismic communication plan -update to 1st item

The licensee informed me that the anticipated release date is September 10, and they will allow the draft to be reviewed up to two days in advance, or on September 8<sup>th</sup>. The specific details whether this would require an in-person review or electronic reading room access is still being determined.

Tom

**From:** Sebrosky, Joseph

**Sent:** Thursday, August 28, 2014 12:17 PM

**To:** Markley, Michael; Oesterle, Eric; Kanatas, Catherine; Hipschman, Thomas; Reynoso, John; Manoly, Kamal; Ake, Jon; Munson, Clifford; OKeefe, Neil; Folk, Kevin; Wrona, David; DiFrancesco, Nicholas; Balazik, Michael; Hipschman, Thomas; Reynoso, John; Singal, Balwant; Hill, Brittain; Walker, Wayne; Uselding, Lara; Lyon, Fred; Buchanan, Theresa; Keegan, Elaine

**Cc:** Weil, Jenny; Li, Yong; Manoly, Kamal; Lund, Louise; Dudek, Michael; Case, Michael; Burnell, Scott; Whaley, Sheena; Hay, Michael; Uhle, Jennifer; Franovich, Mike; Whaley, Sheena; Bowman, Gregory; Bowen, Jeremy

**Subject:** info: updates to Diablo Canyon shoreline fault seismic communication plan

To all,

The purpose of this email is to provide you a summary of the current status of activities associated with the development of the communication plan to support the issuance of the Diablo Canyon State of California report associated with the shoreline fault. The list below

**From:** [Sobrowsky, Joseph](#)  
**To:** [Hipschman, Thomas](#); [Markley, Michael](#); [Oestrele, Eric](#); [Kanas, Catherine](#); [Reynoso, John](#); [Manoly, Kamal](#); [Ake, Jon](#); [Munson, Clifford](#); [DiCicco, Neil](#); [Fork, Kevin](#); [DiFrancesco, Nicholas](#); [Balazs, Michael](#); [Reynoso, John](#); [Singal, Rajwanti](#); [Hall, Brittain](#); [Walker, Wayne](#); [Ussling, Lara](#); [Lyon, Fred](#); [Buchanan, Theresa](#); [Keegan, Elaine](#); [Jackson, Diane](#); [Witteck, Brian](#)  
**Cc:** [Wed, Jenny](#); [Li, Yong](#); [Manoly, Kamal](#); [Lund, Louise](#); [Czek, Michael](#); [Carr, Michael](#); [Burnell, Scott](#); [Ray, Michael](#); [Frankovich, Isaac](#); [Whitby, Sheena](#); [Boaman, Gregory](#); [Bowers, Jeremy](#); [Morrero, Angel](#); [Balazs, Michael](#); [Williams, Megan](#); [Lannoltz, Thomas](#)  
**Subject:** action: request for feedback on documents associated with Diablo Canyon shoreline fault  
**Date:** Friday, August 29, 2014 10:28:00 AM  
**Attachments:** [one page Diablo seismic process key messages.docx](#)  
[DC Calif seismic mit comm plan 6/29/14 revision.docx](#)  
[Diablo State of California seismic report review plan.docx](#)

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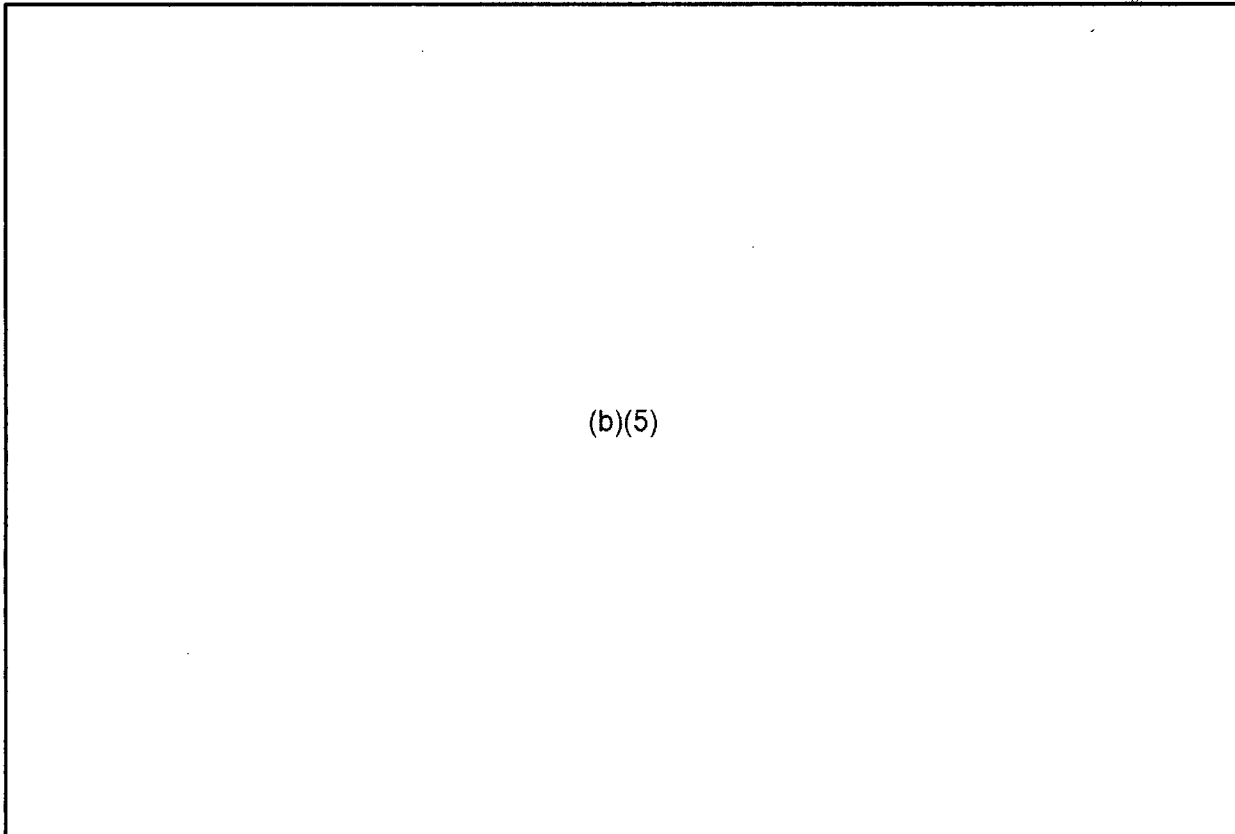
To all,

The purpose of this email is to request your review and comment on the following documents associated with the Diablo Canyon State of California seismic report that will include new information related to the Shoreline Fault: 1) an updated draft communication plan, 2) a draft project plan, and 3) a one page briefing sheet developed by DORL on the topic. The email also provides you with a listing of other Diablo Canyon seismic issues that will likely require resources from the headquarters and RIV to review.

#### Communication Plan

- The communication plan has been updated to reflect that we will not have access to the report until two days prior to its public release scheduled for 9/10/14. It also includes an updated proposed key message from Tom Hipschman based on this approach.

#### Project Plan



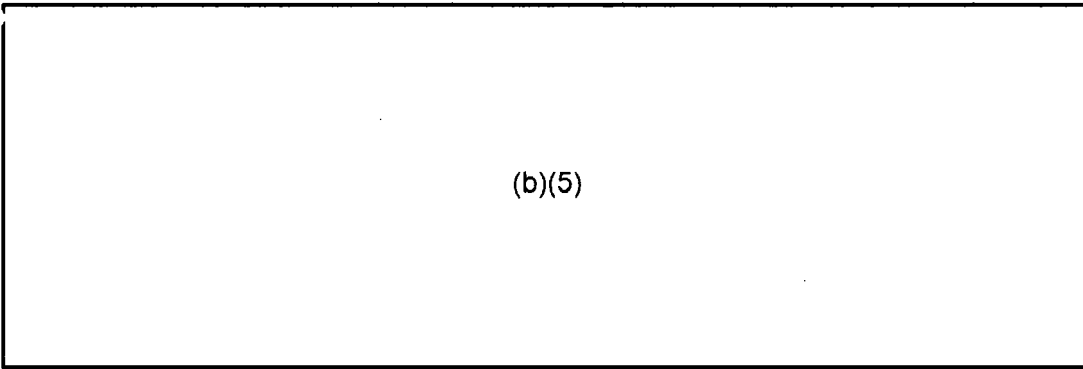
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associated with Diablo seismic issues. Any feedback on the proposal to have John involved would be appreciated.

#### One Pager

- DORL developed the attached one-pager to be used as a communication tool for senior management. Your feedback on this document would also be appreciated.

#### Other Issues

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Your comments on the attached documents are appreciated. Please let me know if you have any questions.

Joe Sebrosky  
Senior Project Manager  
Japan Lessons-Learned Division  
Office of Nuclear Reactor Regulation  
[joseph.sebrosky@nrc.gov](mailto:joseph.sebrosky@nrc.gov)  
301-415-1132

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~~SENSITIVE INTERNAL INFORMATION - NOT FOR PUBLIC RELEASE~~

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~~- SENSITIVE INTERNAL INFORMATION - NOT FOR PUBLIC RELEASE~~

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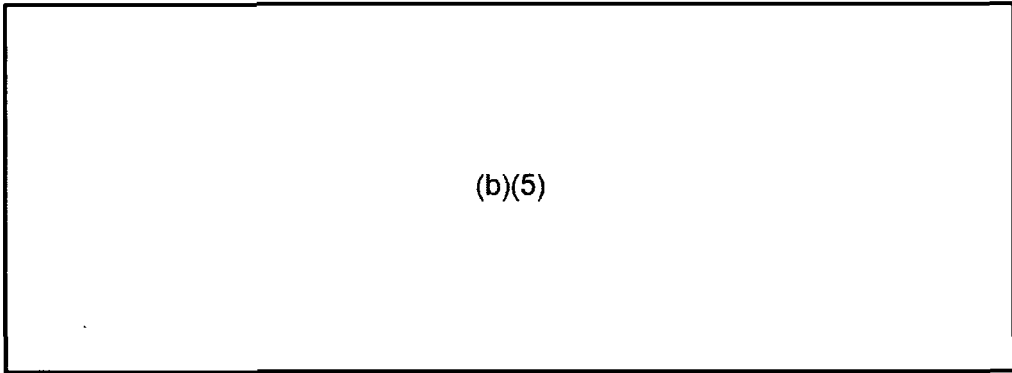
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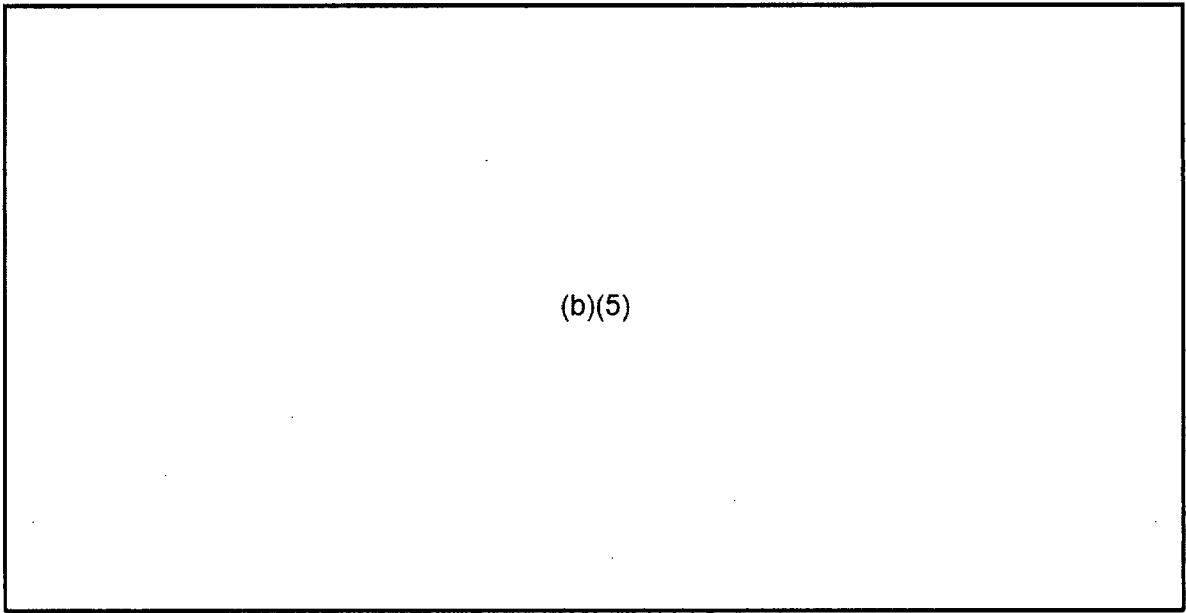
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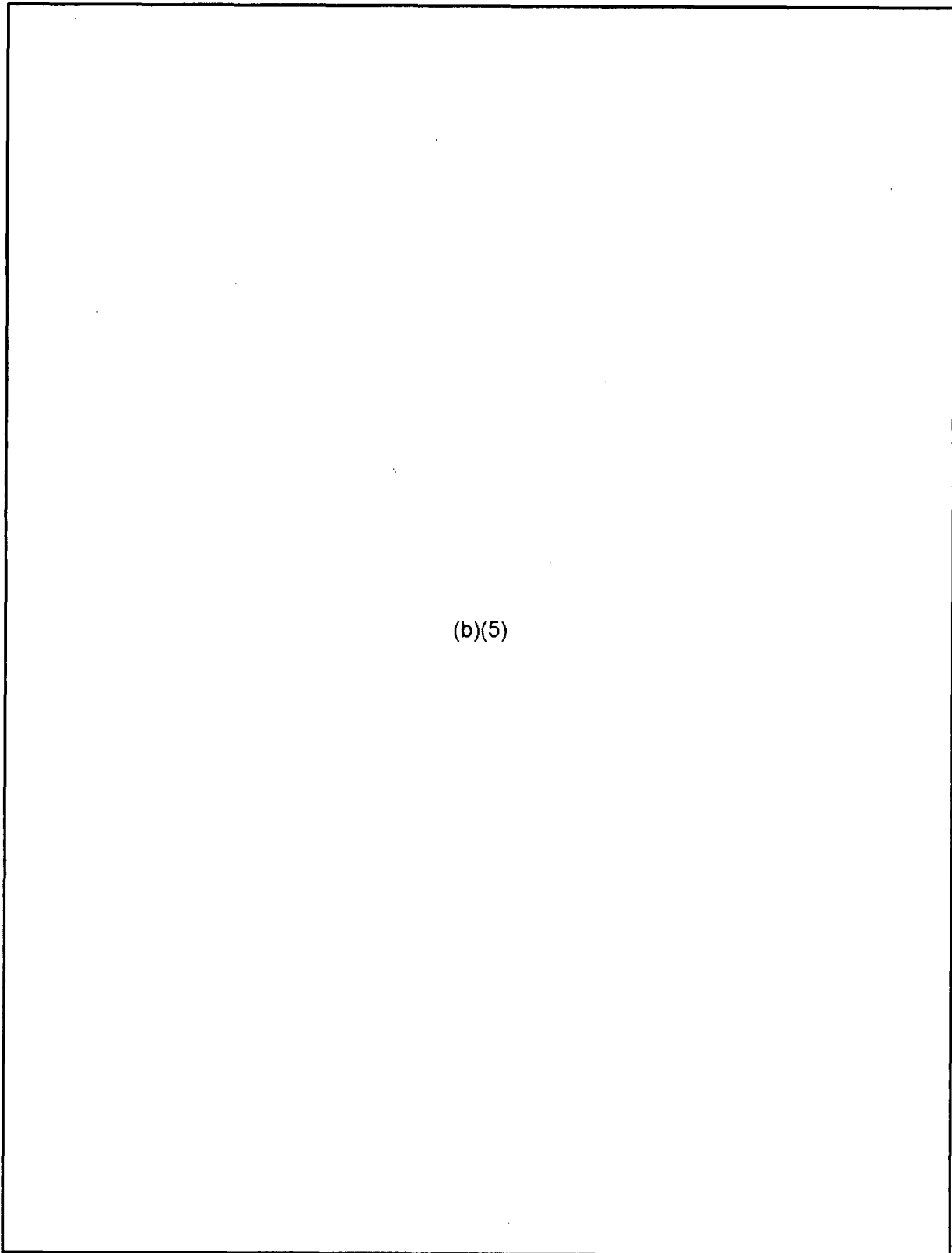




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**So, Paris**

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**From:** Roth(OGC), David  
**Sent:** Thursday, August 28, 2014 1:21 PM  
**To:** Manoly, Kamal; Li, Yong; Sebrosky, Joseph; Singal, Balwant; Oesterle, Eric  
**Cc:** Lindell, Joseph; Young, Mitzi; Roth(OGC), David  
**Subject:** Attorney Client Privilege

**Categories:** non hearing material

D

Good afternoon Kamal, Yong and Joe,

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As always, please feel free to contact me with any questions. My cube is O15E10.

David Roth

NRC Blackberry (b)(6)  
HQ Office (301) 415-2749

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Attorney Client Privilege or  
Attorney Work Product~~

David Roth

NRC Blackberry (b)(6)  
HQ Office (301) 415-2749

~~This message may contain sensitive internal information considered to be~~

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Attorney Client Privilege or  
Attorney Work Product~~

**From:** [Sebrinsky, Joseph](#)  
**To:** [Markley, Michael](#); [Oesterle, Eric](#); [Kanas, Catherine](#); [Hipschman, Thomas](#); [Reynoso, John](#); [Mandyl, Kamal](#); [Ake, Jon](#); [Munson, Clifford](#); [Okeefe, Neil](#); [Fois, Kevin](#); [Wreza, David](#); [DiFrancesco, Nicholas](#); [Balazuk, Michael](#); [Hipschman, Thomas](#); [Reynoso, John](#); [Sincal, Balwant](#); [Hill, Britain](#); [Walker, Wayne](#); [Uselding, Lara](#); [Lyon, Fred](#); [Buchanan, Theresa](#); [Keegan, Elaine](#)  
**Cc:** [Weil, Jenny](#); [Li, Yong](#); [Mandyl, Kamal](#); [Lund, Louise](#); [Dudek, Michael](#); [Case, Michael](#); [Burnell, Scott](#); [Whaley, Sherron](#); [Hay, Michael](#); [Uhle, Jennifer](#); [Fragovich, Mike](#); [Whaley, Sherron](#); [Kowman, Gregory](#); [Bowen, Jeremy](#)  
**Subject:** info: updates to Diablo Canyon shoreline fault seismic communication plan  
**Date:** Thursday, August 28, 2014 3:16:00 PM  
**Attachments:** [DC\\_Calif\\_seismic\\_rpt\\_comm\\_plan\\_srp\\_1ca\\_eng.docx](#)  
[FW: Comm Plan.msu](#)  
[03-12-14\\_NRC\\_Seismic\\_Risk\\_Evaluations\\_for\\_CEUS\\_Plants\\_ML14083a586.pdf](#)

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To all,

The purpose of this email is to provide you a summary of the current status of activities associated with the development of the communication plan to support the issuance of the Diablo Canyon State of California report associated with the shoreline fault. The list below includes action items. Wayne Walker, Eric Oesterle, Jon Ake, and Mike Markley, if I missed something please reply to all.

#### Status

- PG&E (Philippe Soenen) informed me that PG&E management does not support the use of provide a draft copy of the report in an electronic reading room. Based on subsequent discussions with Jennifer Uhle, NRR will not pursue the issue further.
- The attached communication plan will have a major revision based on the NRC staff not being able to review a draft of the State of California report prior to its targeted issuance on 9/9 or 9/10. I have an action to provide a revised revision to everyone tomorrow morning. The revision will include:
  - The attached hi-level main message from Tom Hipschman
  - A t + 30 day time frame for the NRC to complete its initial assessment of the Shoreline Fault information
    - The assessment will include whether or not the NRC staff will be able to say with confidence that the new information does not invalidate the 2012 RIL's conclusions that the Shoreline Fault continues to be bounded by Hosgri and LTSP
    - If such a statement cannot be made then appropriate regulatory action will be taken, including possibly assessing the new seismic information in accordance with the process used for the central and eastern U.S. plants outlined in the attached pdf document
- I will work with Wayne Walker and Tom Hipschman to communicate to PG&E the NRC's expectations that PG&E will provide an interim evaluation of the new Shoreline fault information in a timely manner consistent with the following guidance in the October 12, 2012, letter to PG&E that transmitted the RIL:

*"If during PG&E's ongoing collection of seismic data, new faults are discovered or information is uncovered that would suggest the Shoreline fault is more capable than currently believed, PG&E will provide the NRC*

G#3A

*with an interim evaluation that describes actions taken or planned to address the higher seismic hazard relative to the design basis, as appropriate, prior to completion of the evaluations requested in the NRC staff's March 12, 2012, request for information."*

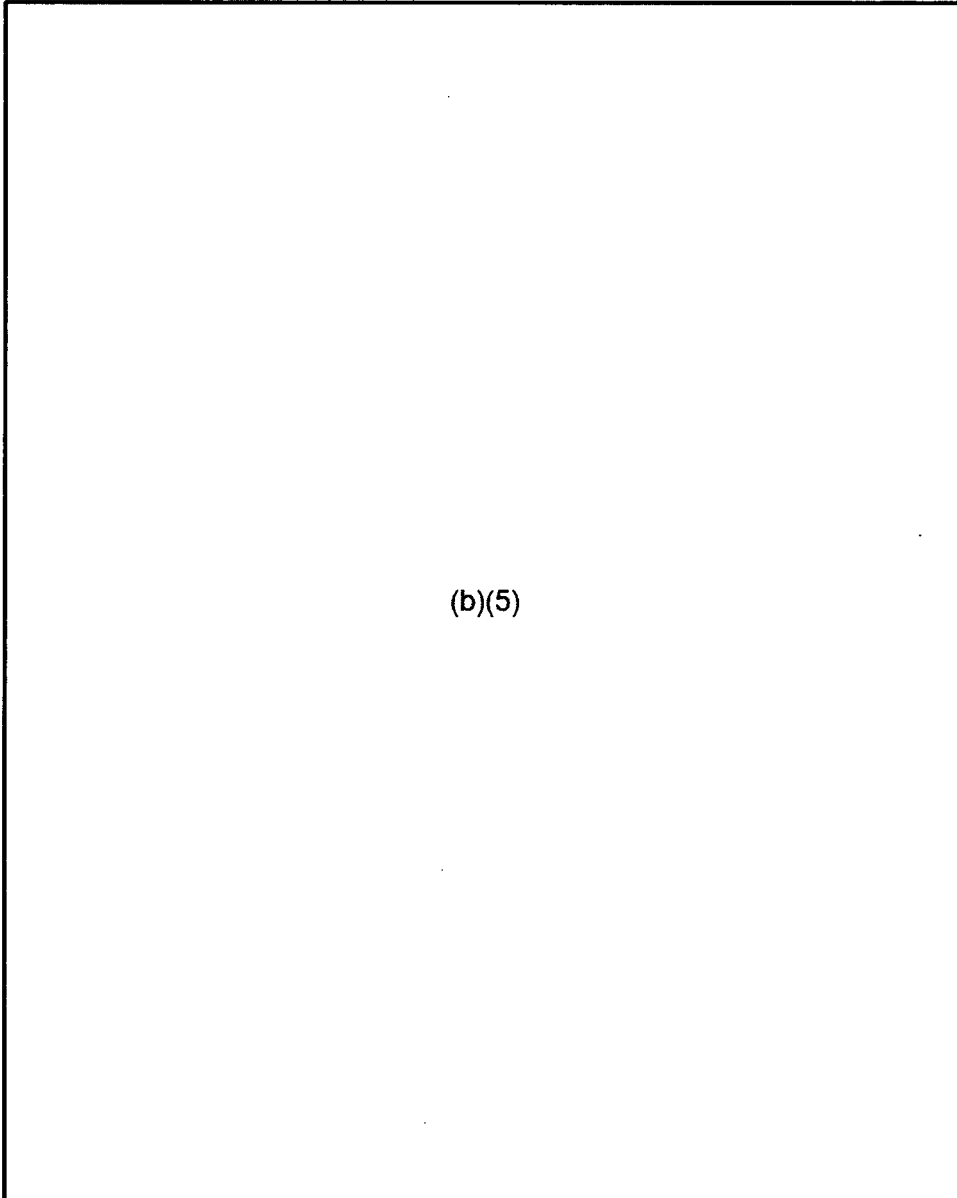
- NRR/JLD will work with NRR/DROL, NRR/DE, NRO and RES to identify information that NRC will likely need to perform its preliminary assessment in the 30 day time frame after receipt of the State of California report. This information is likely to include that which is necessary to perform the type of analysis discussed in the attached CEUS pdf document.
- NRR/DORL will develop a one-page communication tool similar to what was developed for the DPO, highlighting the process the NRC uses for reviewing operability determinations.

Please let me know if you have any questions, or if I am missing something. I will keep you informed of developments as they progress.

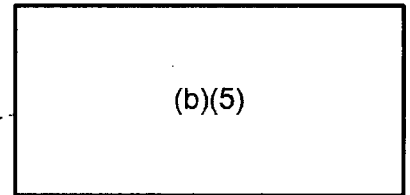
Thanks,

Joe Sebrosky  
Senior Project Manager  
Japan Lessons-Learned Division  
Office of Nuclear Reactor Regulation  
joseph.sebrosky@nrc.gov  
301-415-1132

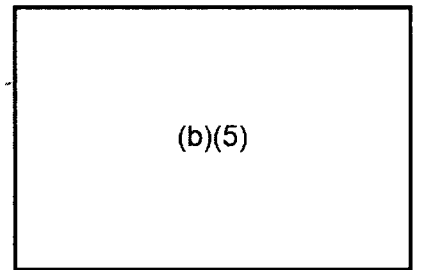




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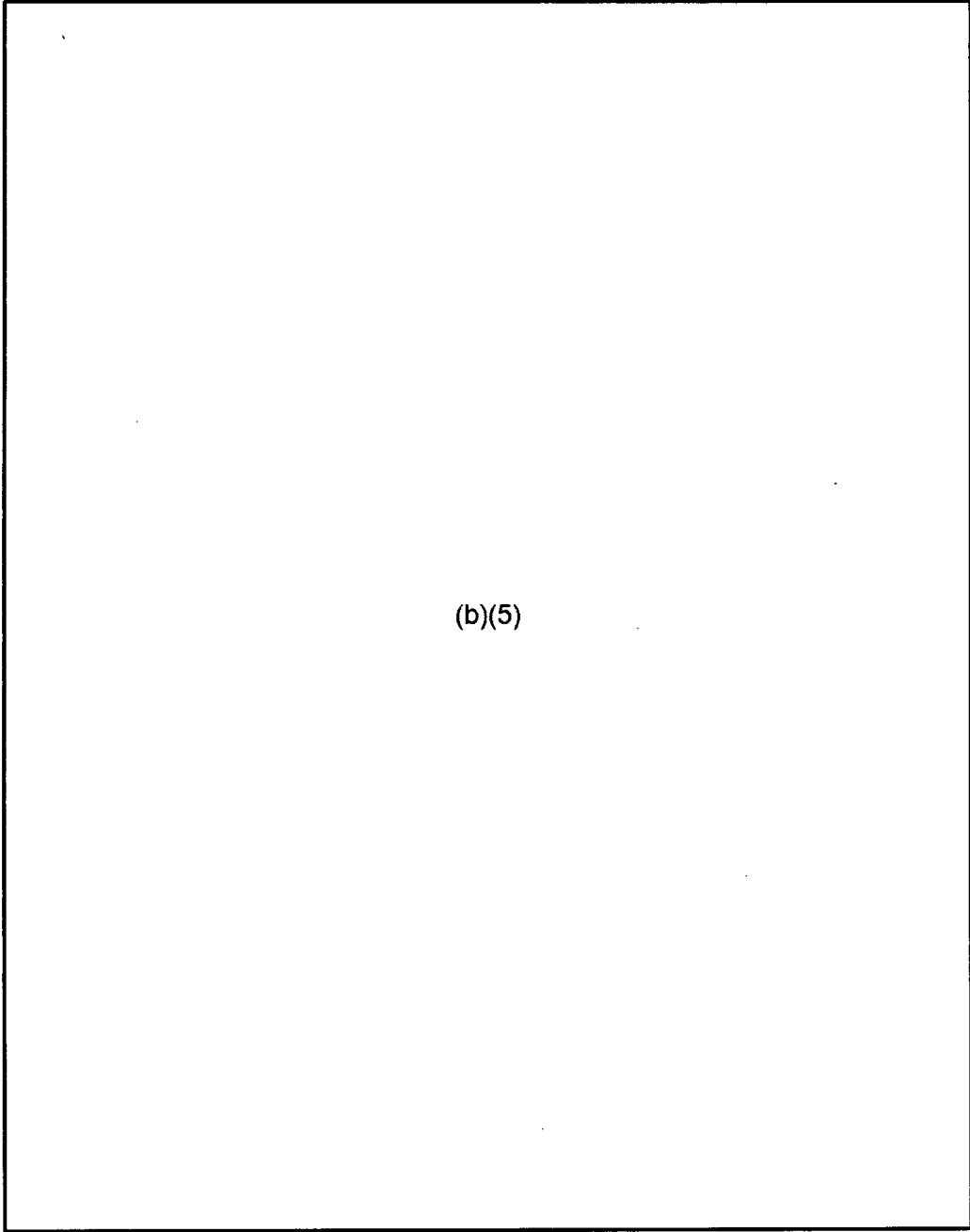
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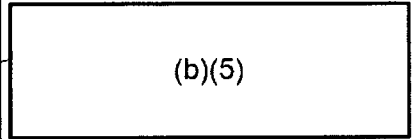
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**From:** Sebrosky, Joseph  
**To:** Buchanan, Theresa  
**Cc:** Walker, Wayne; Hill, Brittain; Lockling, Lara; Orsterle, Eric; DiFrancesco, Nicholas  
**Subject:** question: Updated Diablo Canyon Comm Plan  
**Date:** Tuesday, August 26, 2014 10:58:00 AM  
**Attachments:** Diablo Communication Plan - Rev 0 (8-25-14).docx  
STATE REPORT MESSAGING.DOCX

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Theresa,

I am assuming that page 34 – 37 of the updated communication plan is what we are to review. Please confirm that the state messaging document (attached) is no longer applicable and has been included in the Diablo comm plan. I just want to make sure that we are commenting on the correct product.

Thanks,

Joe

**From:** Buchanan, Theresa  
**Sent:** Tuesday, August 26, 2014 10:07 AM  
**To:** Sebrosky, Joseph; Hill, Brittain  
**Subject:** Updated Diablo Canyon Comm Plan

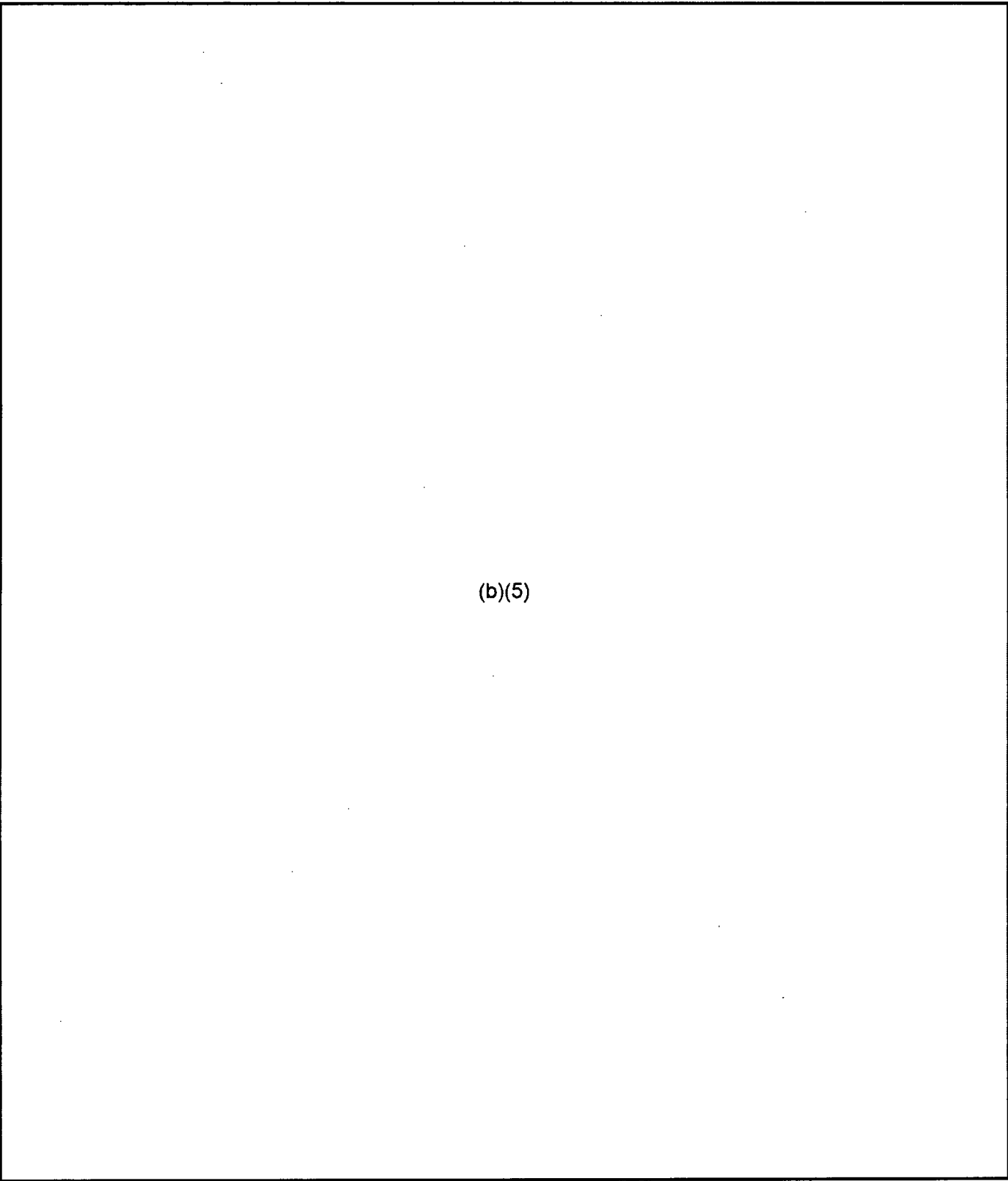
Hello,

Attached is the most up-to-date revision to the DC comm plan. Please note that there are other sections, beyond the ABN 1632 section, that are undergoing revision due to recent events. Let me know if you have any questions or problems with the attached file.

Thanks!

Theresa Buchanan  
Senior Project Engineer  
RIV DRP Branch A  
817-200-1503

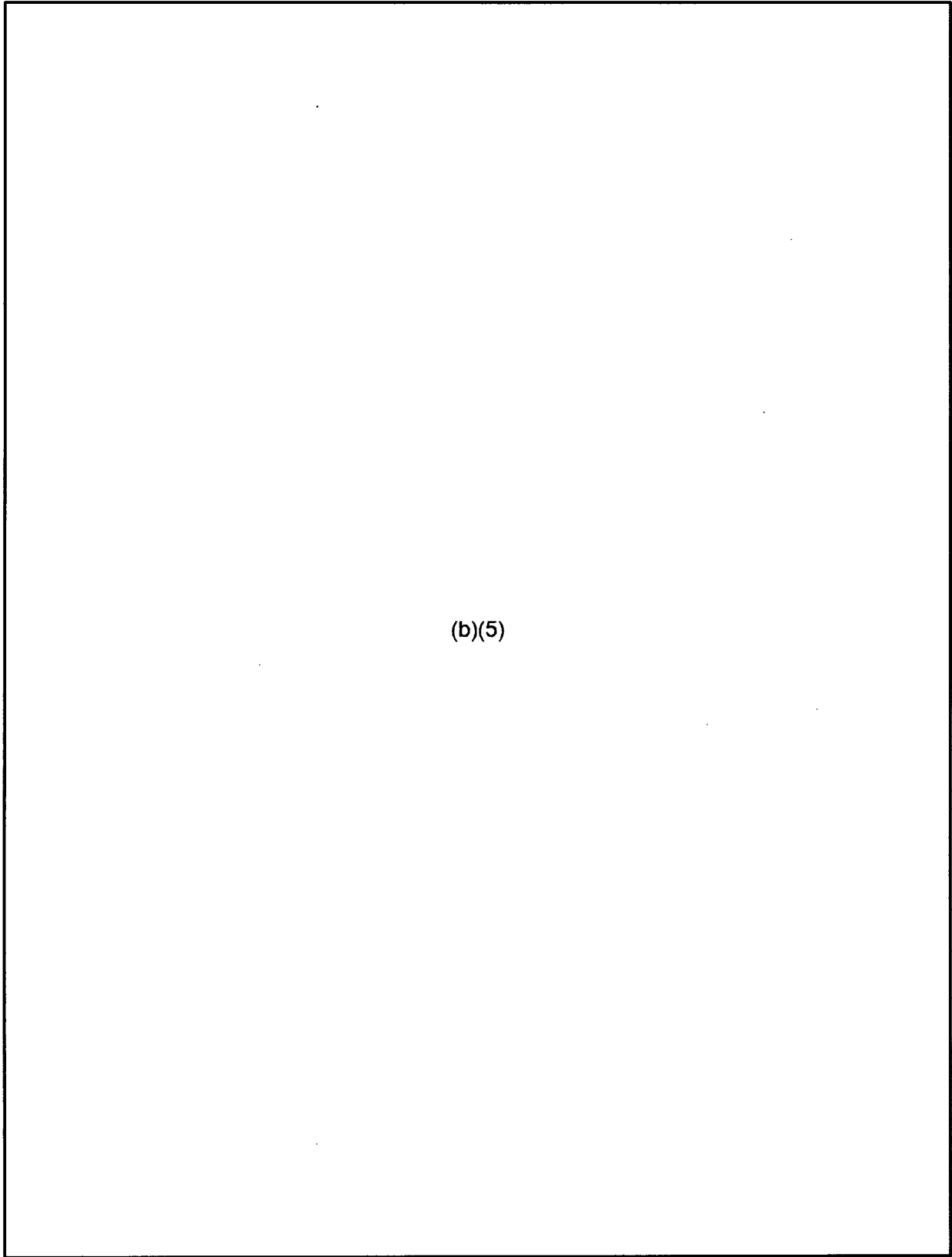
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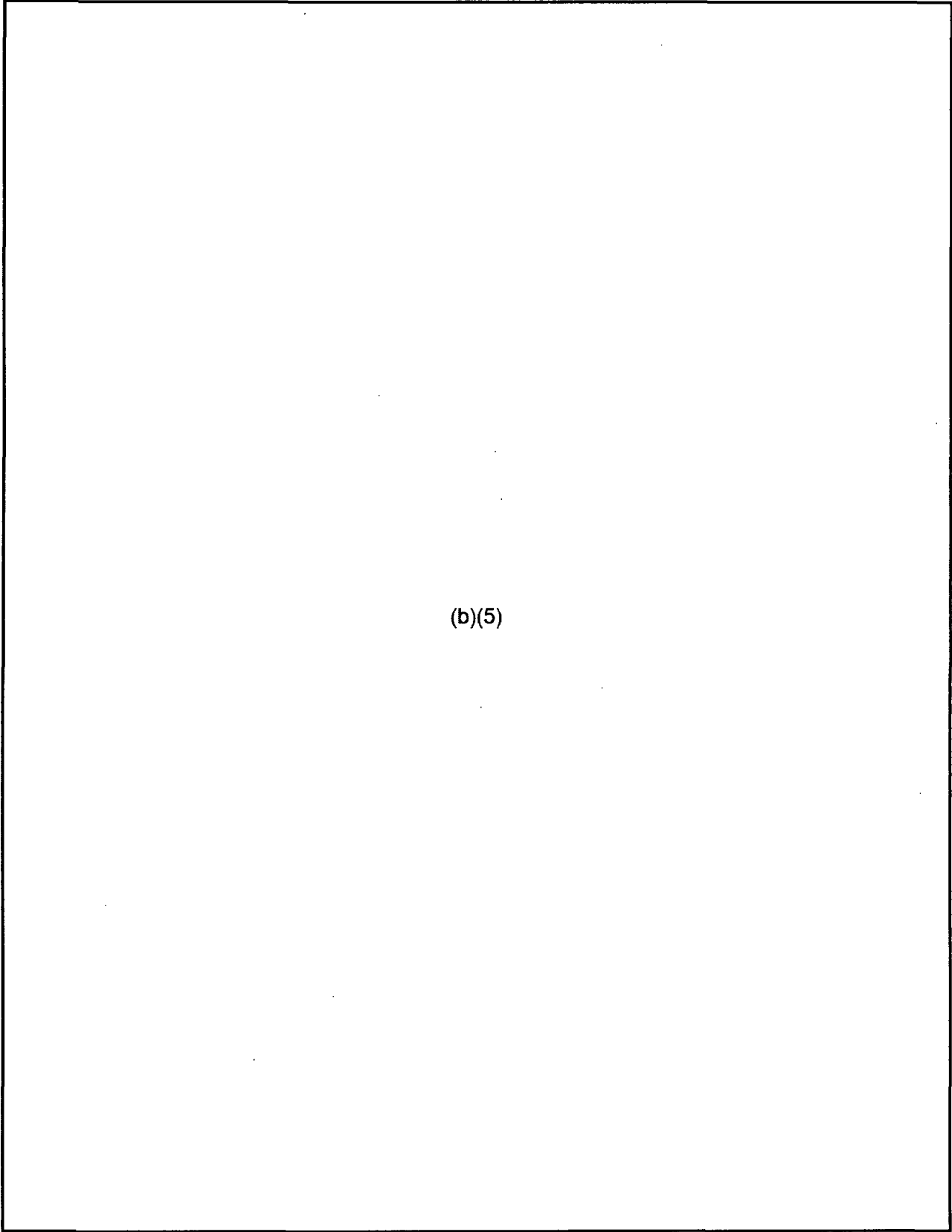
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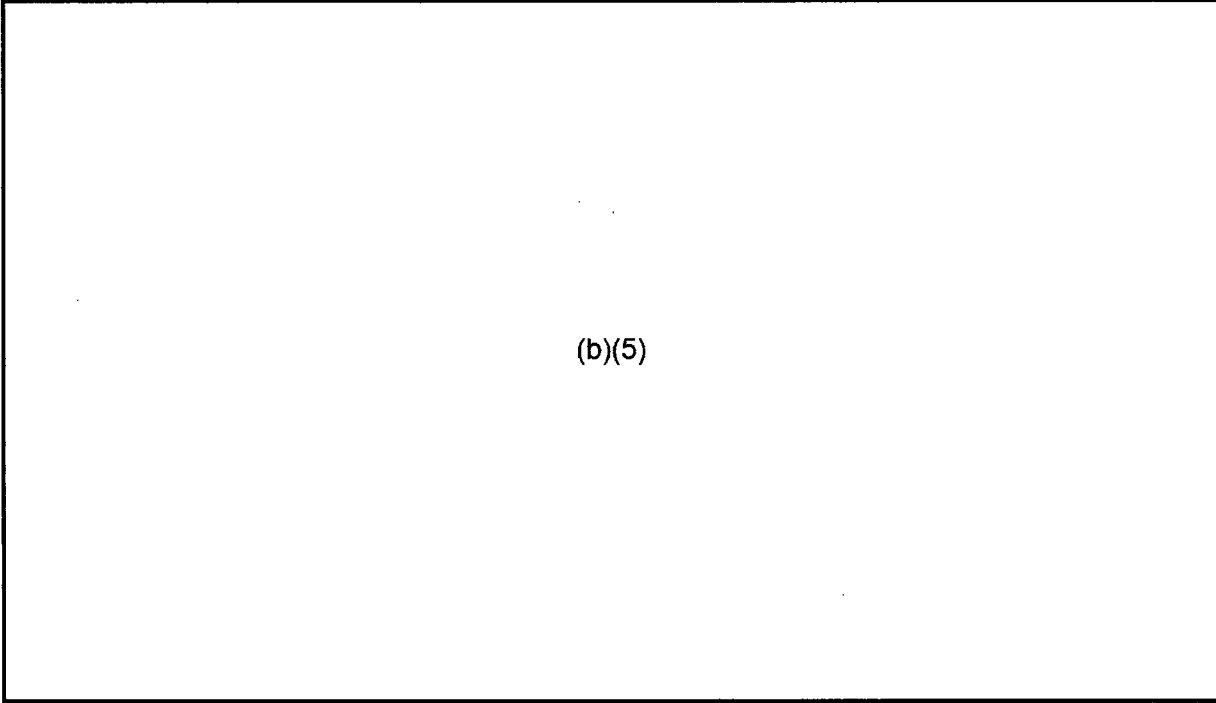


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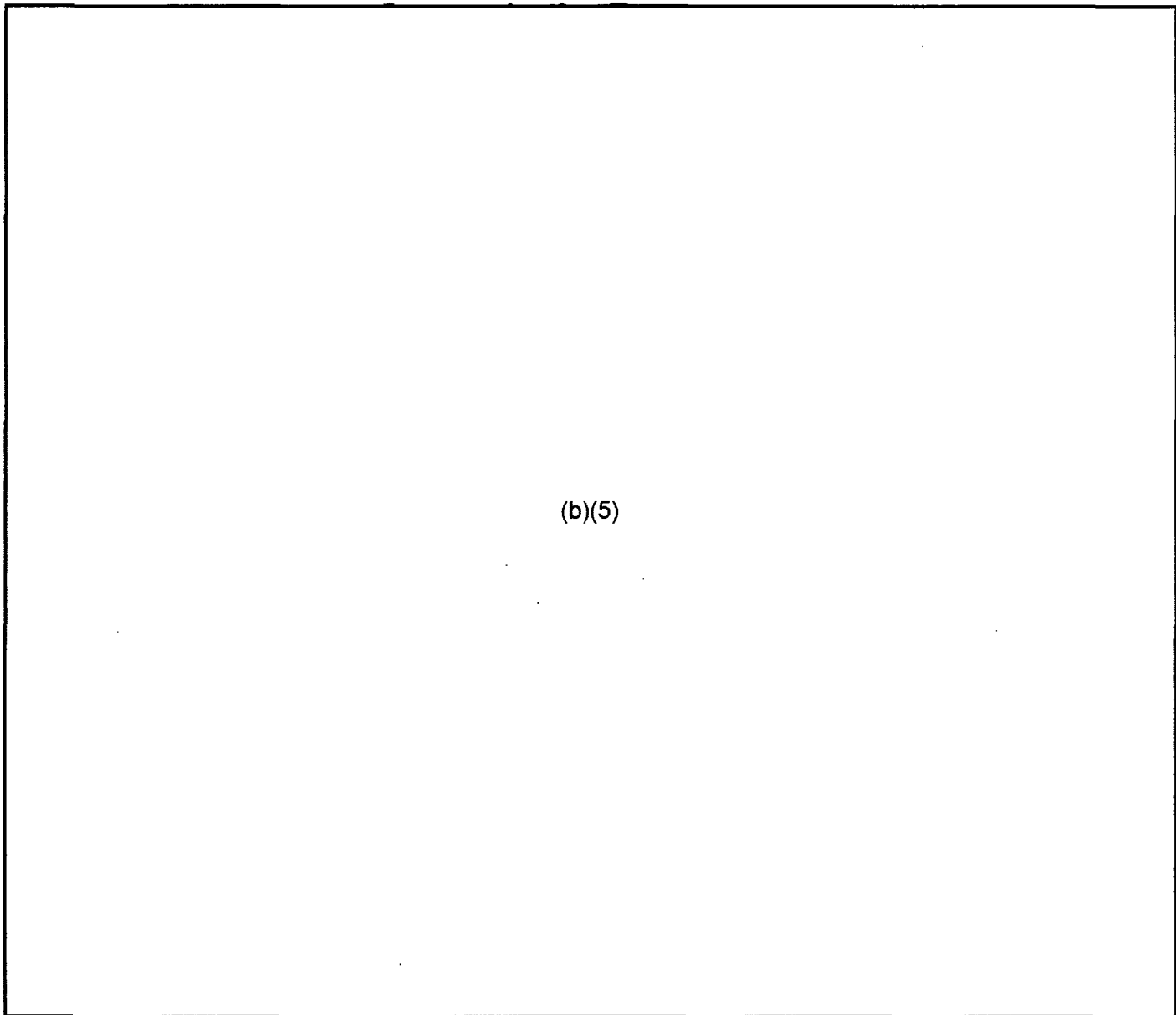
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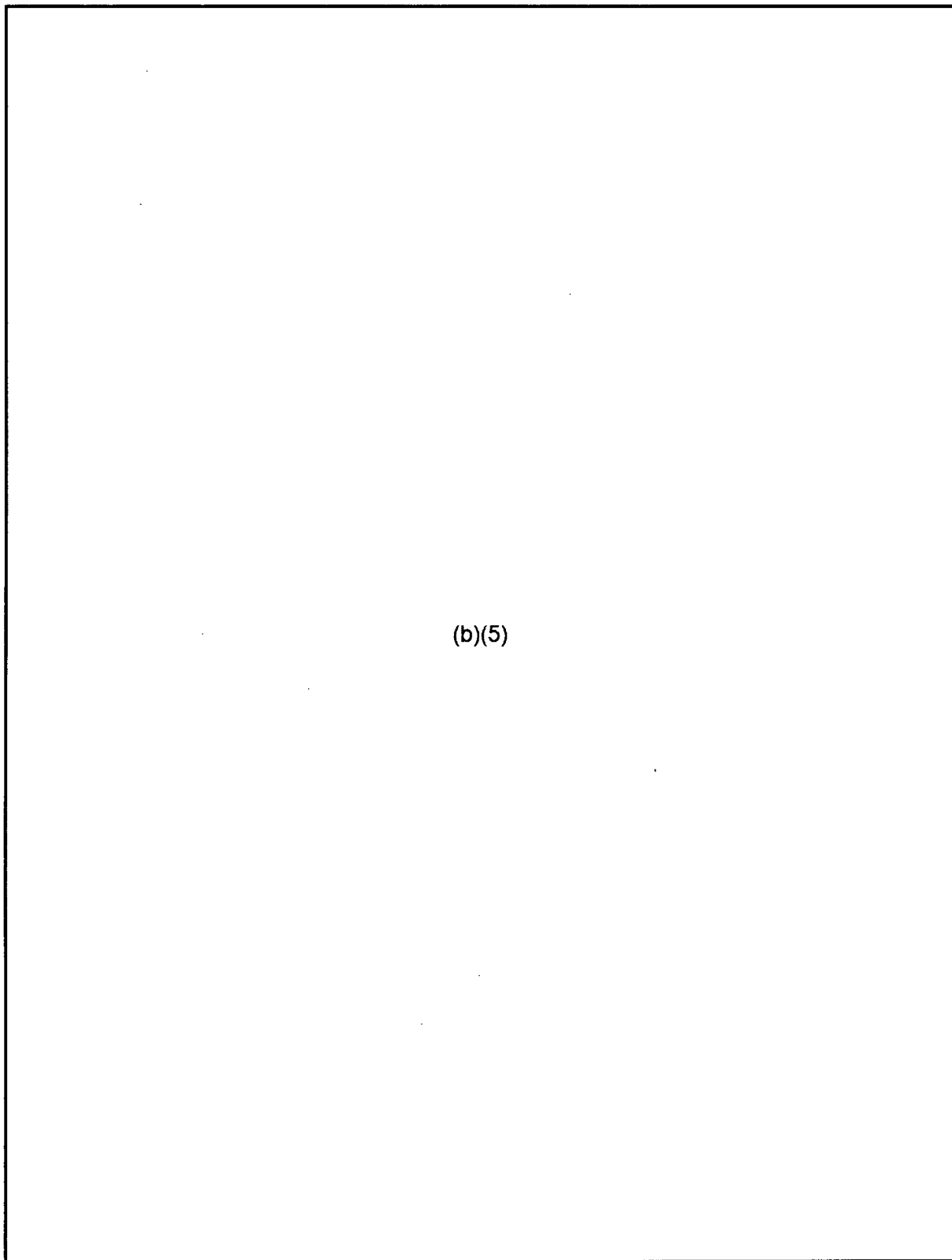
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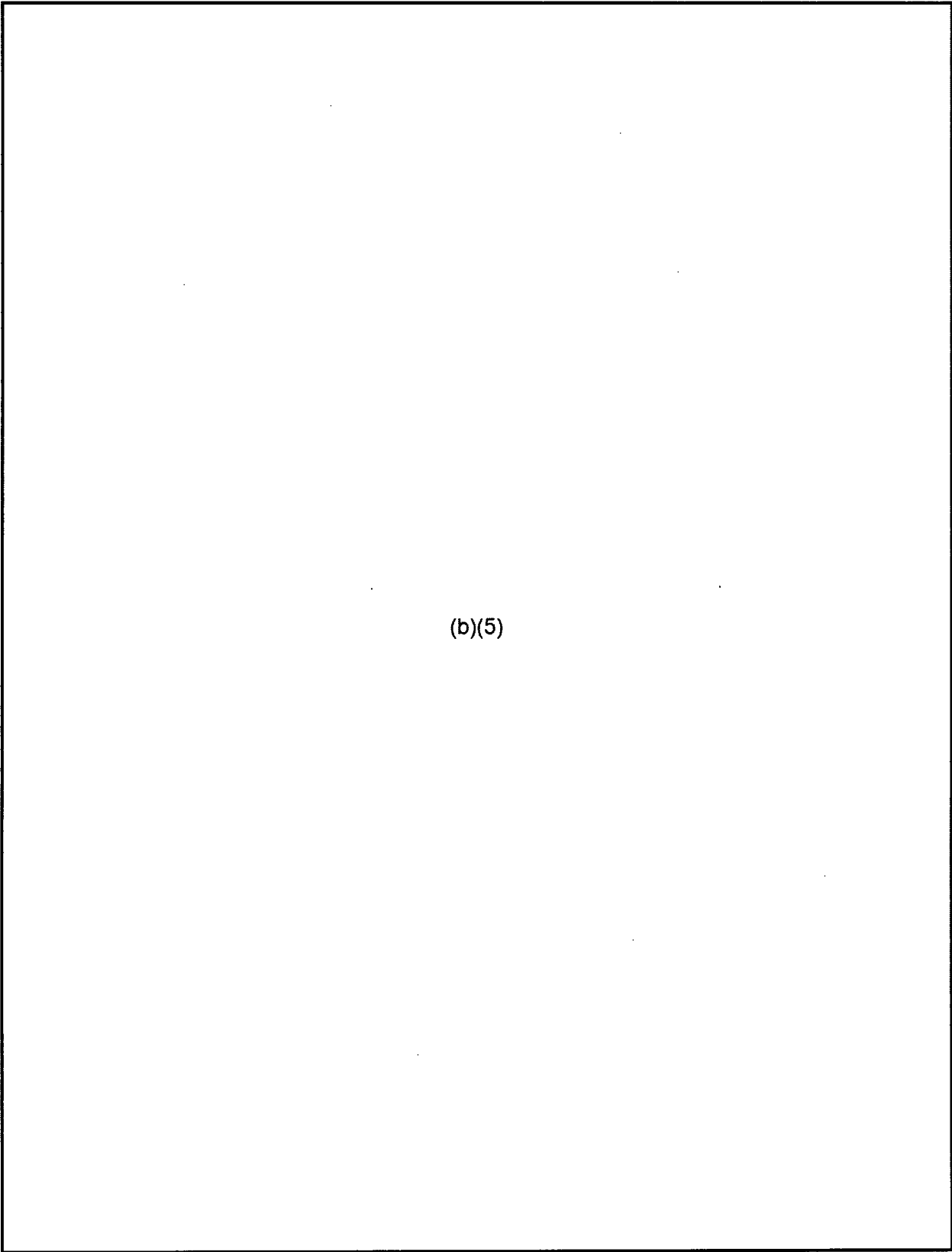
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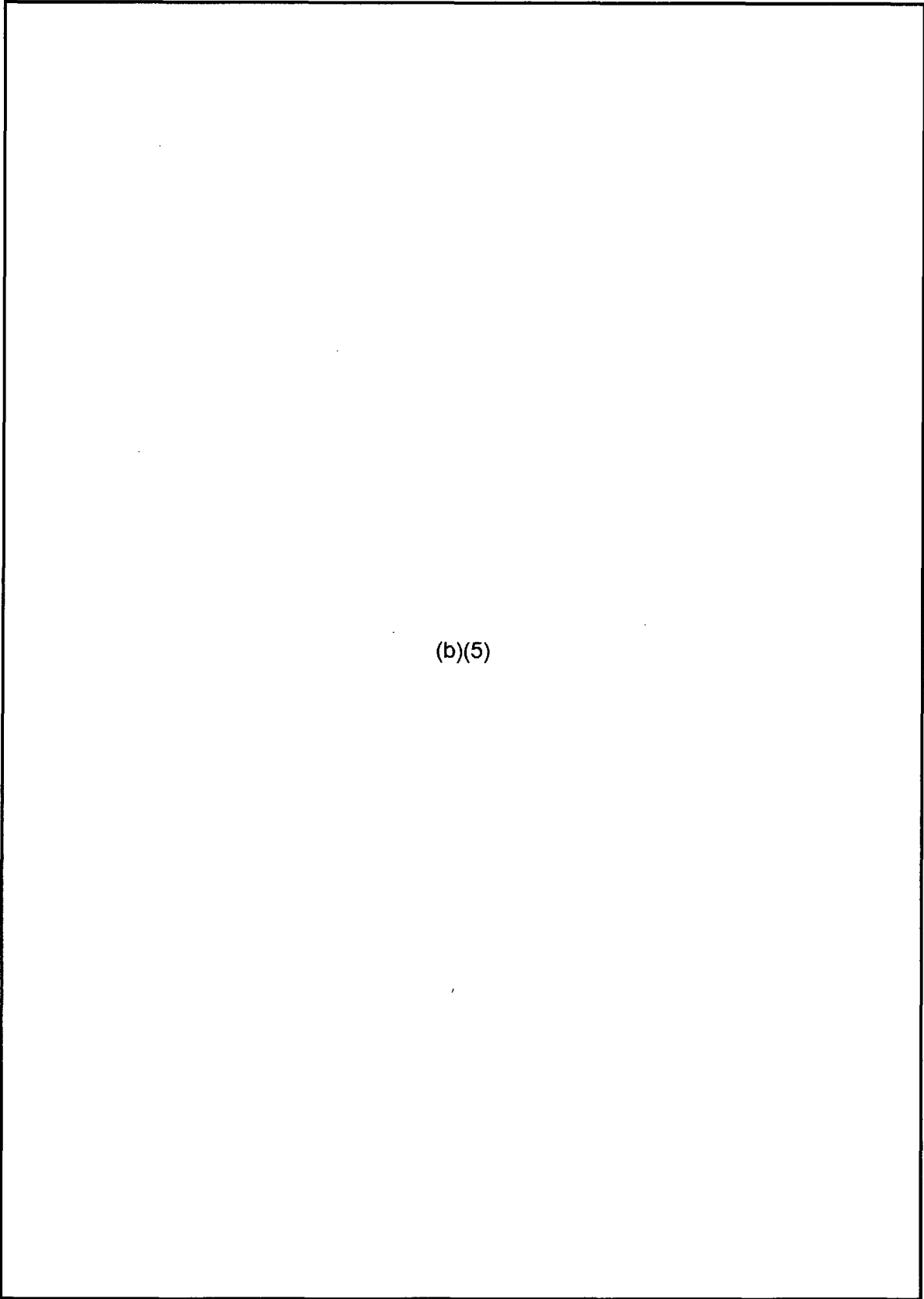
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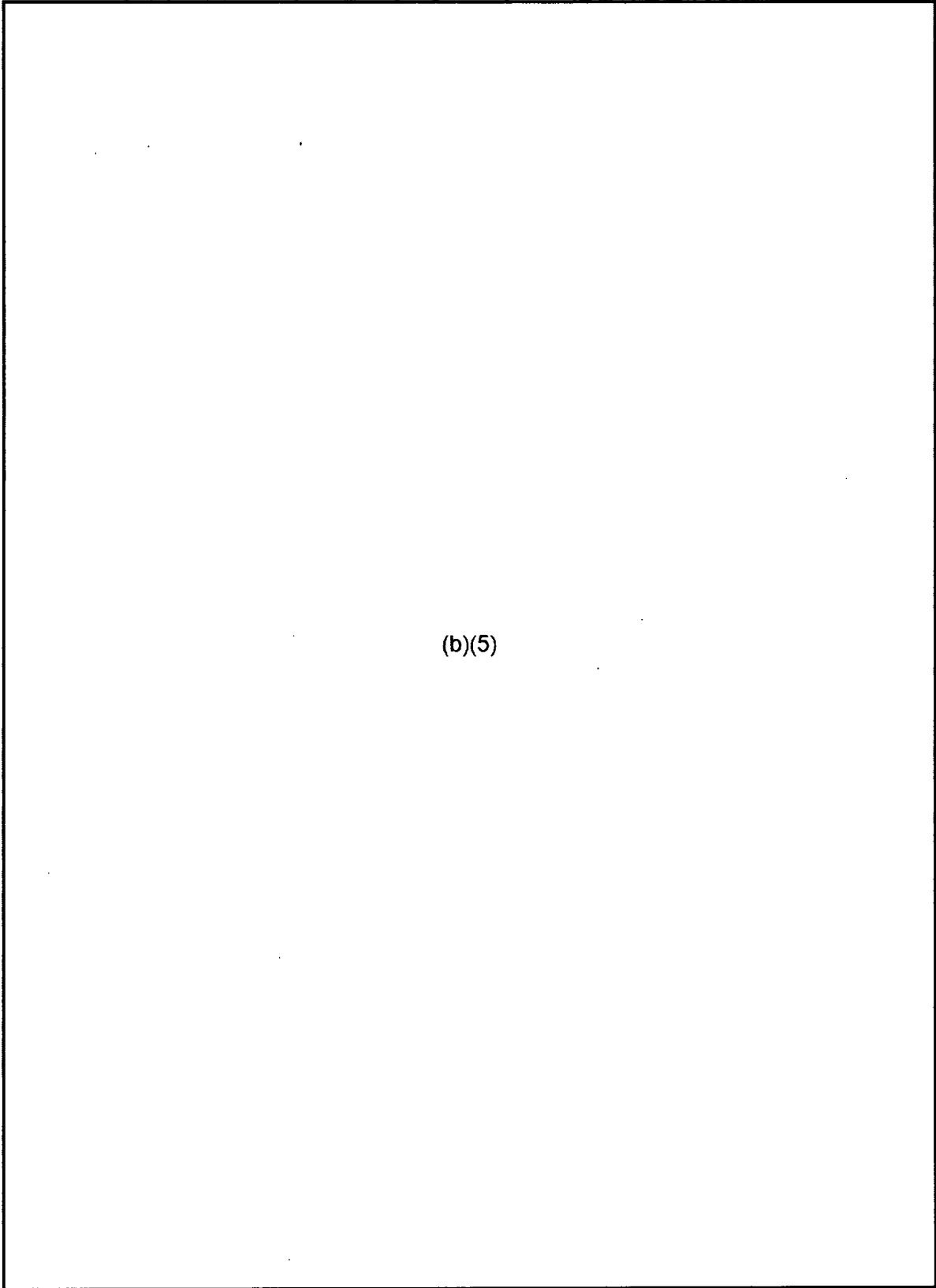
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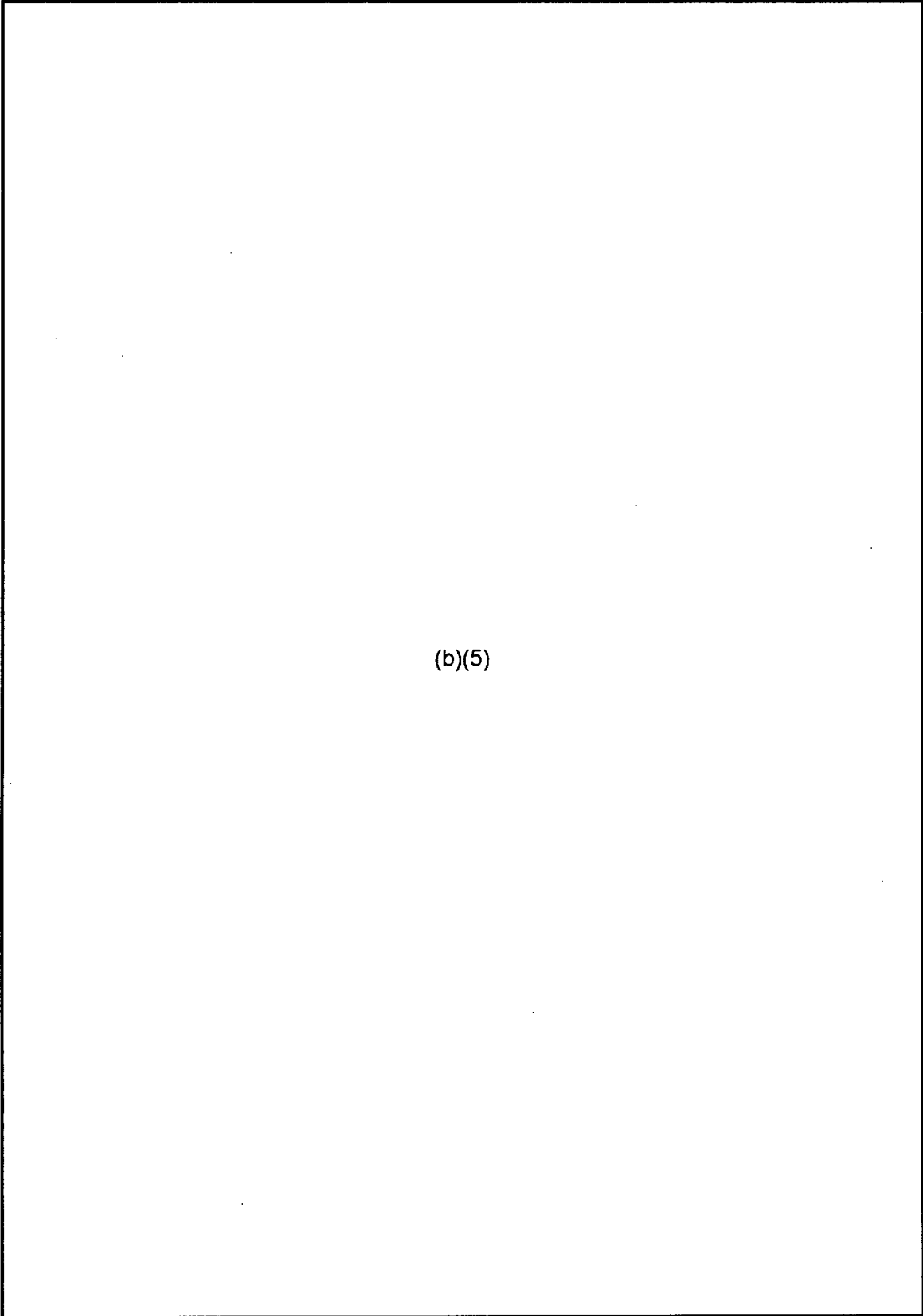
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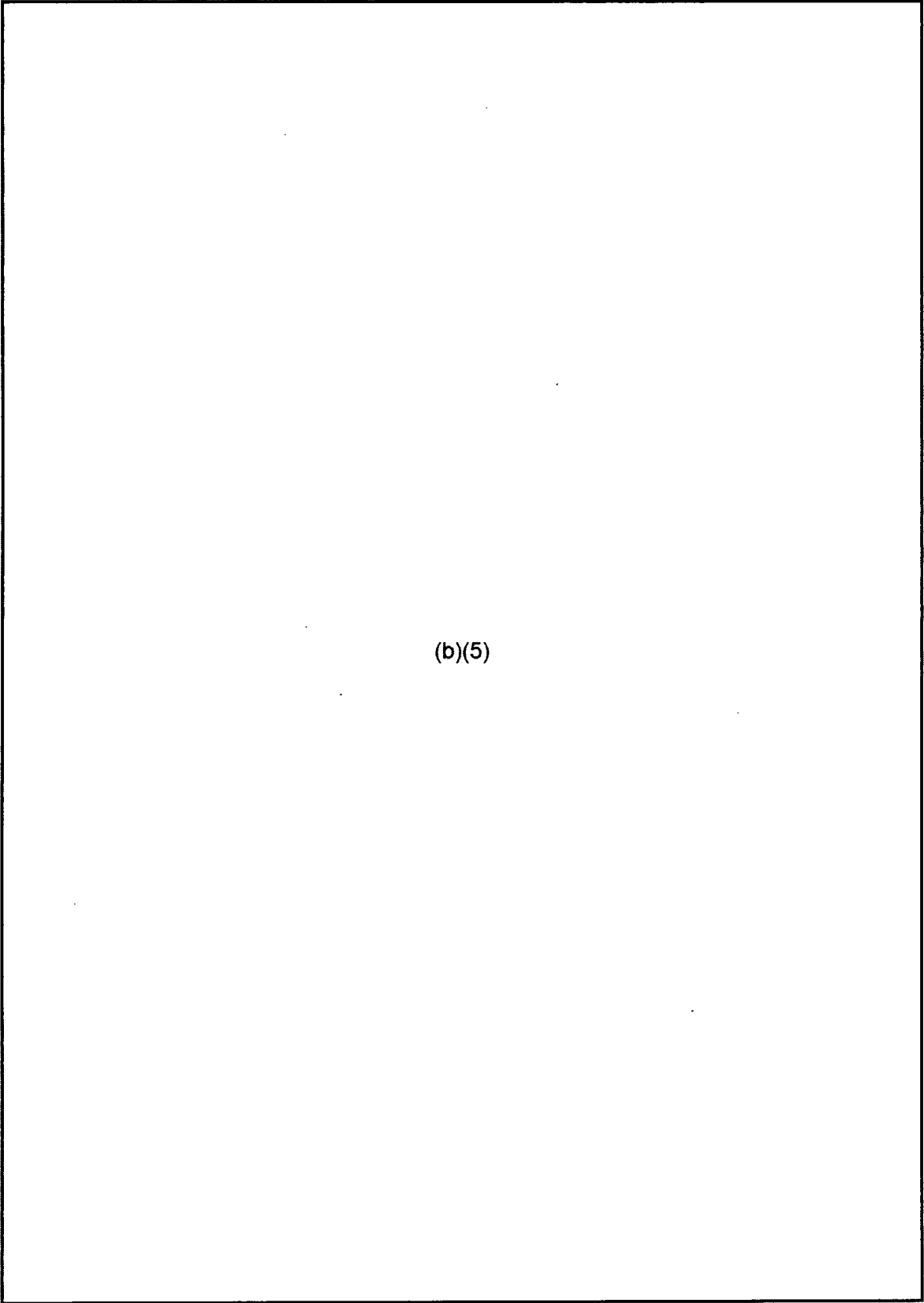
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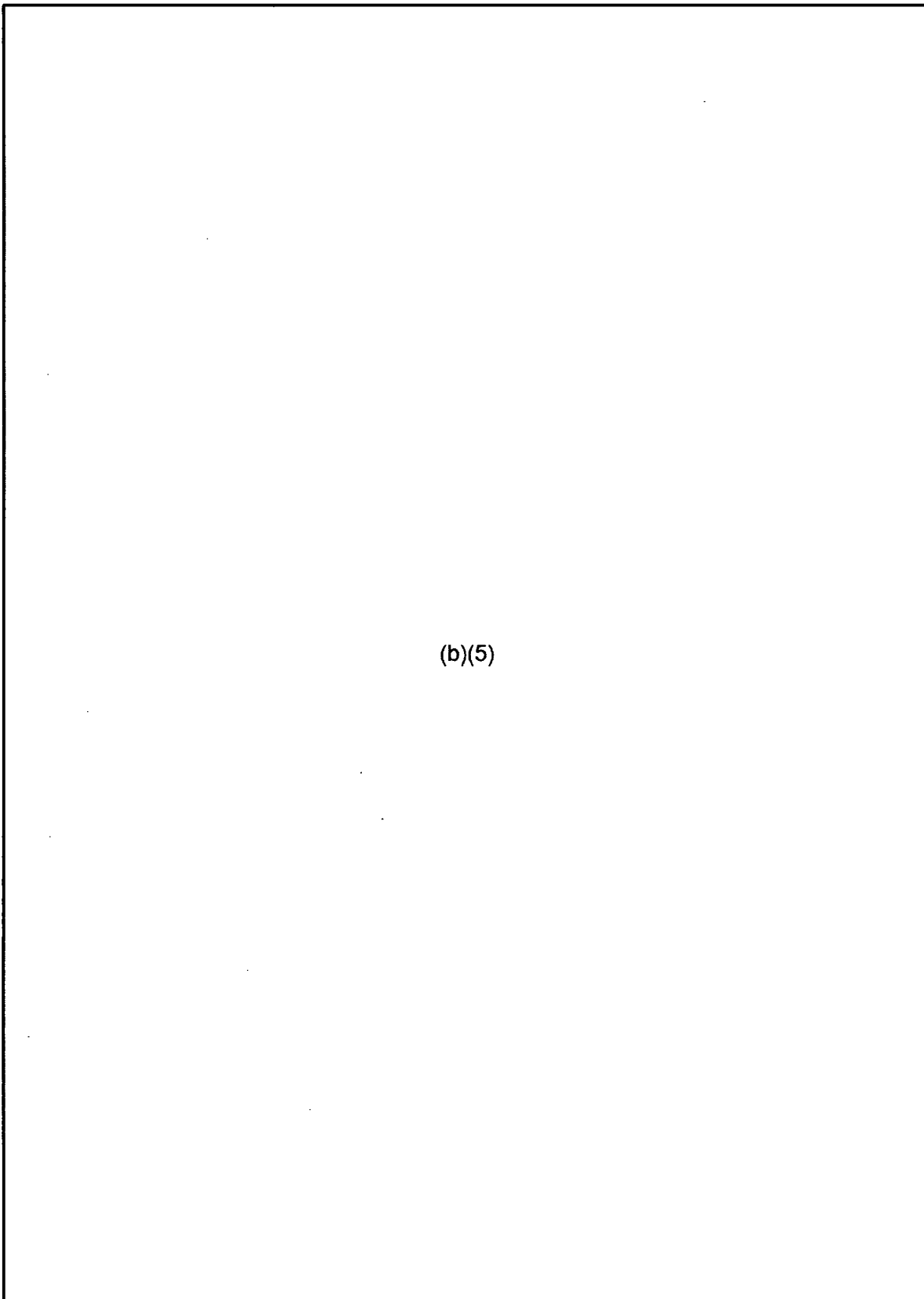
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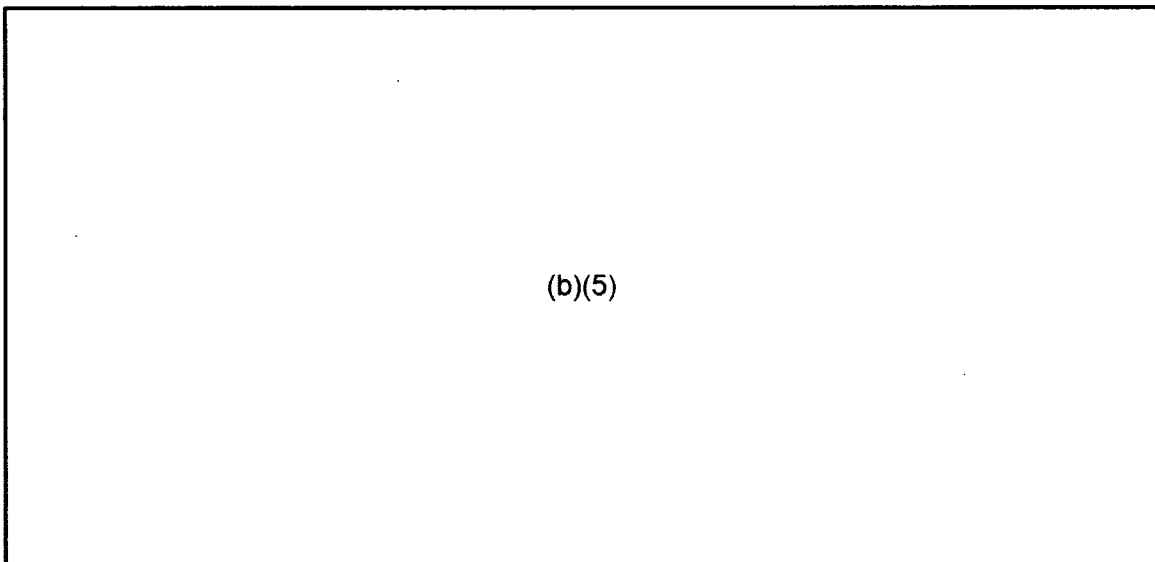
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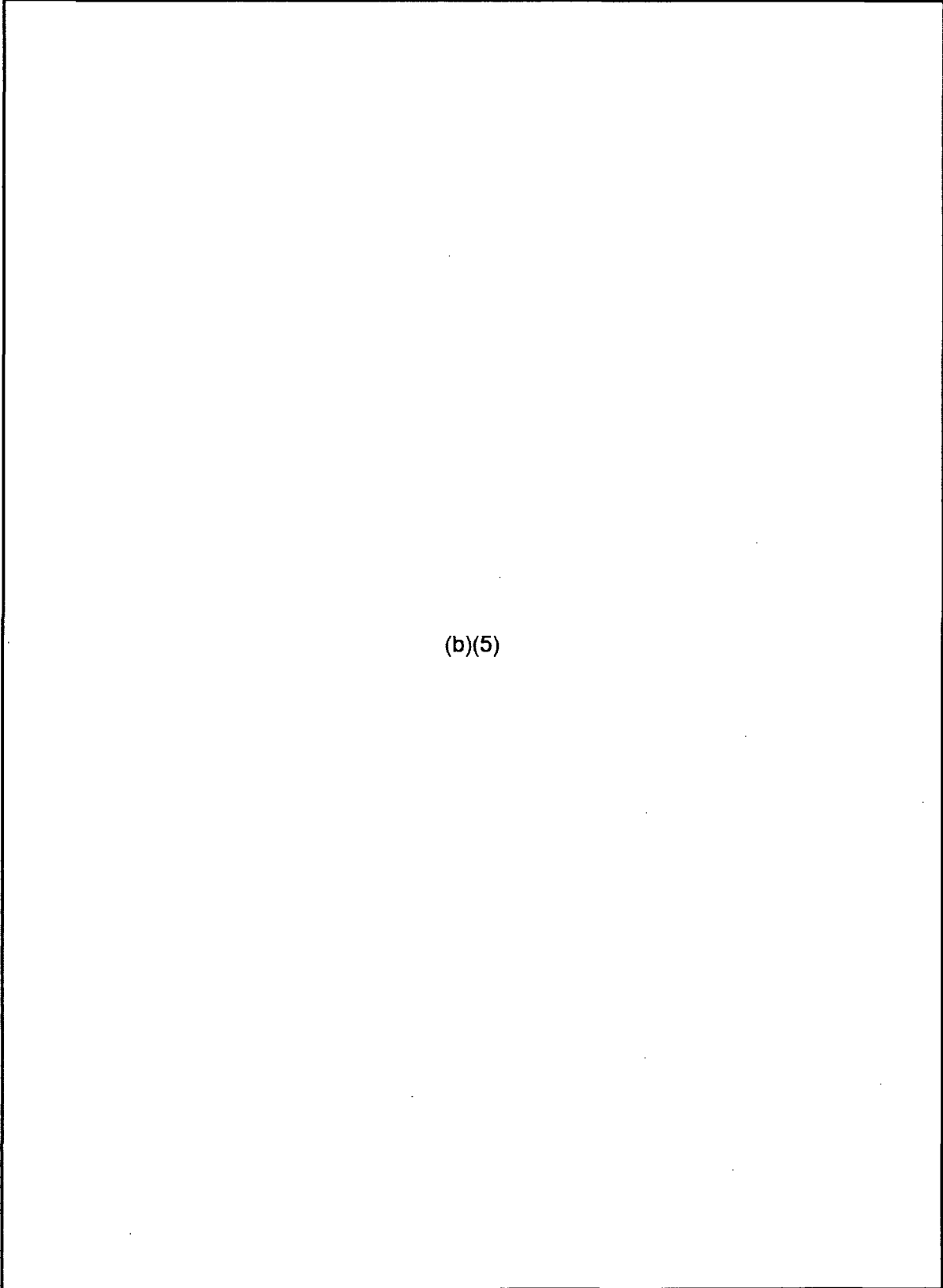
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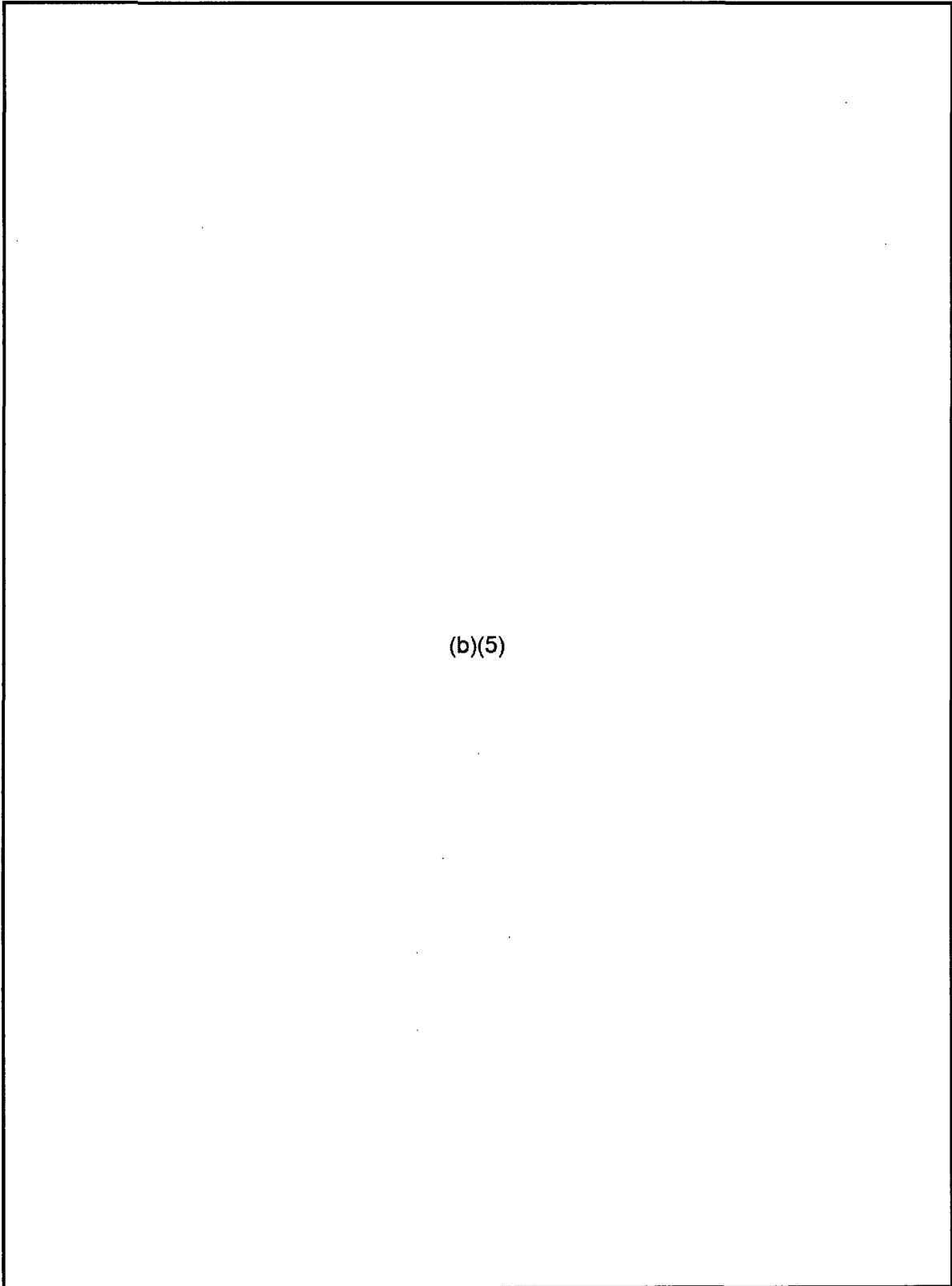


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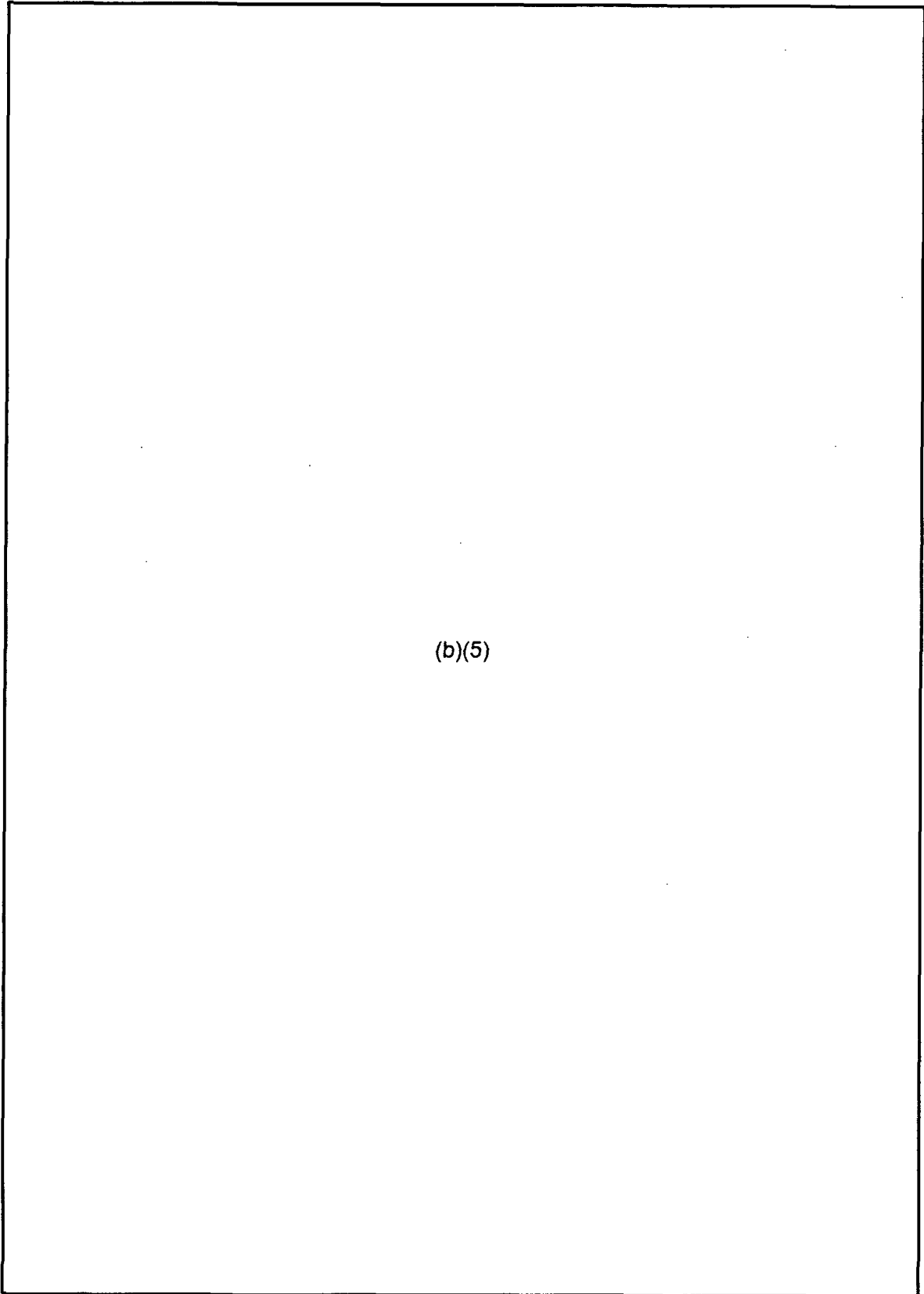




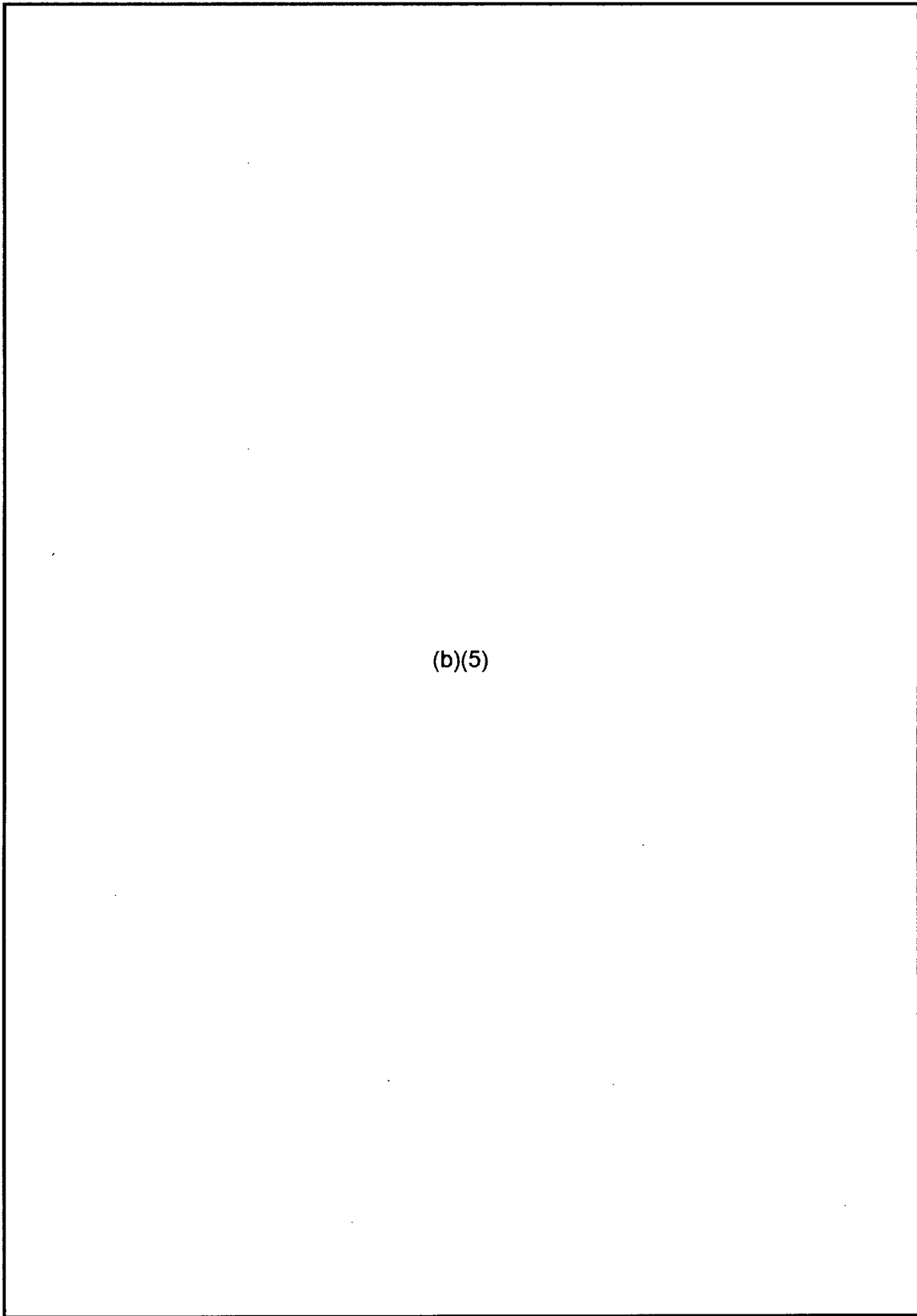
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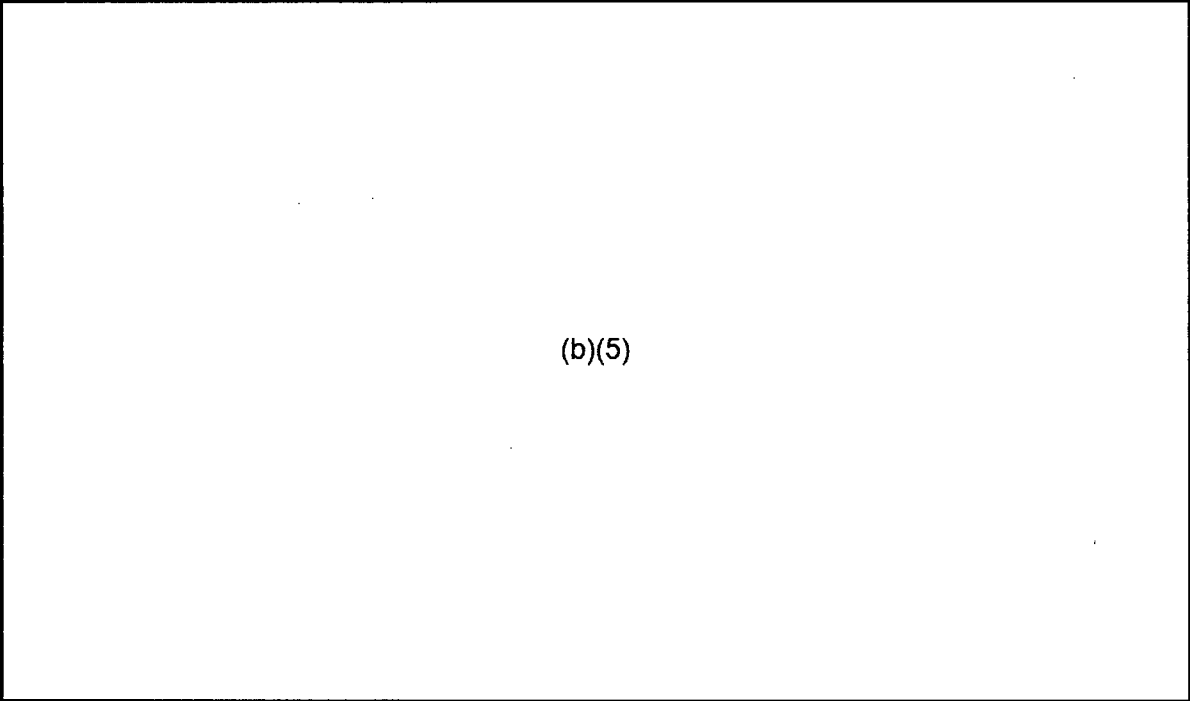
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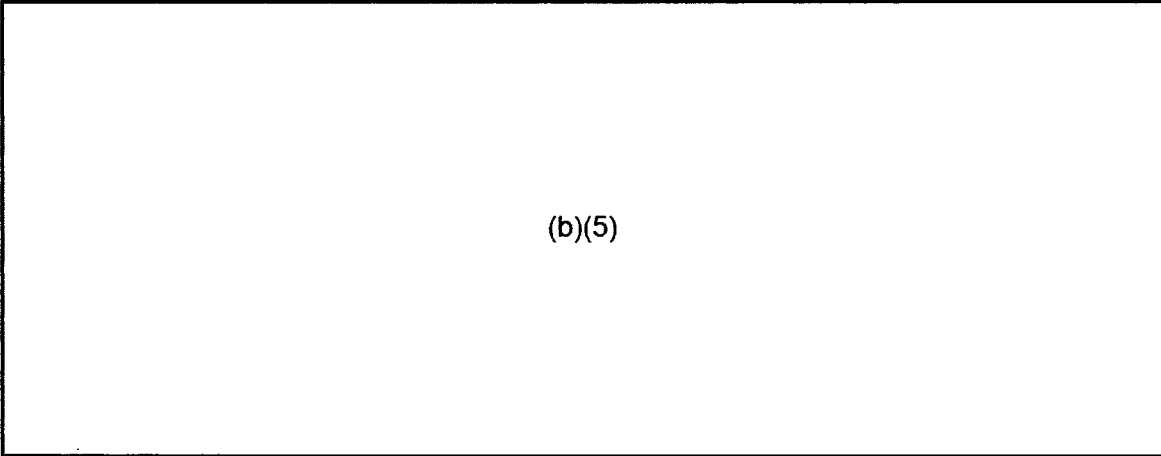
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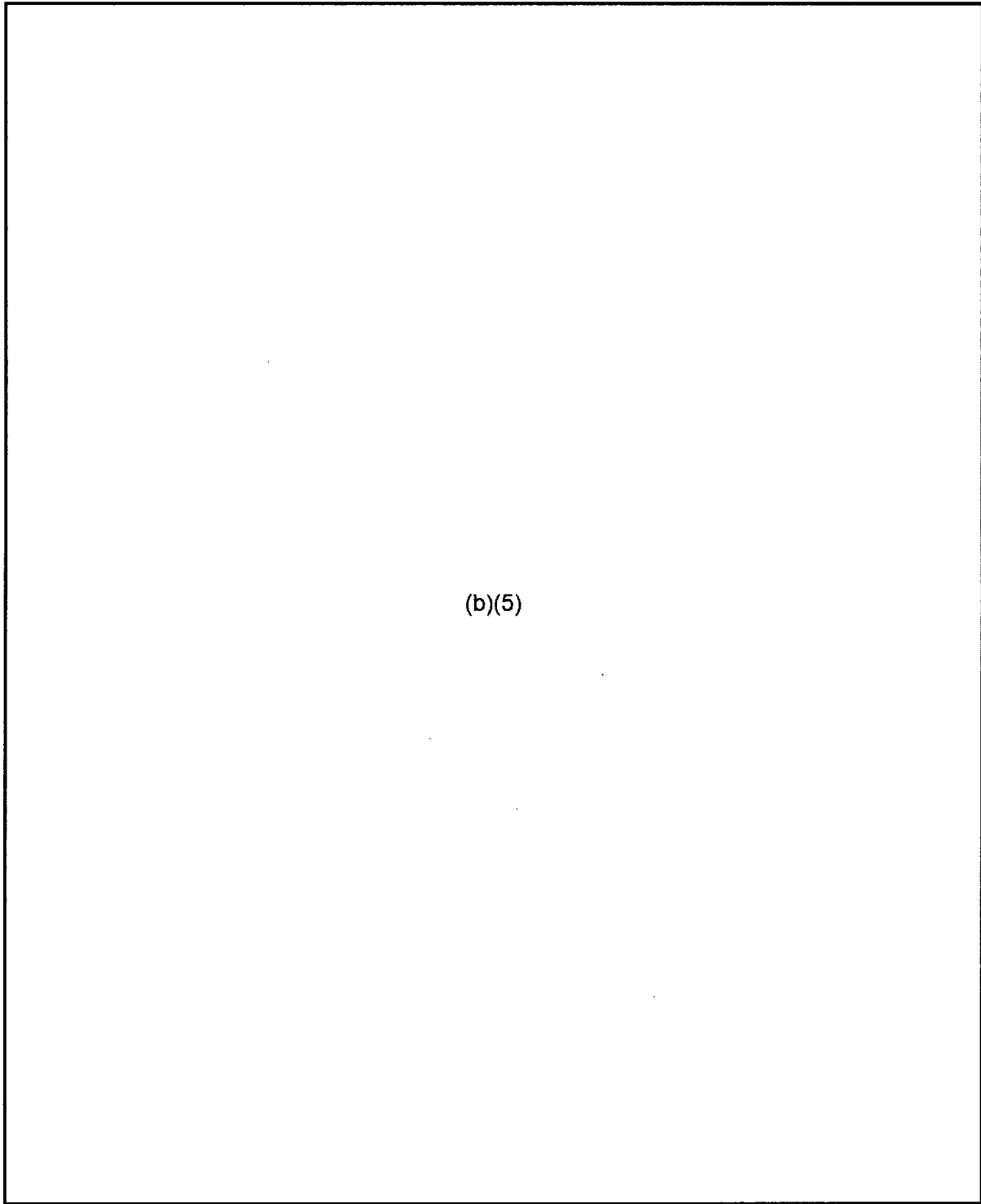
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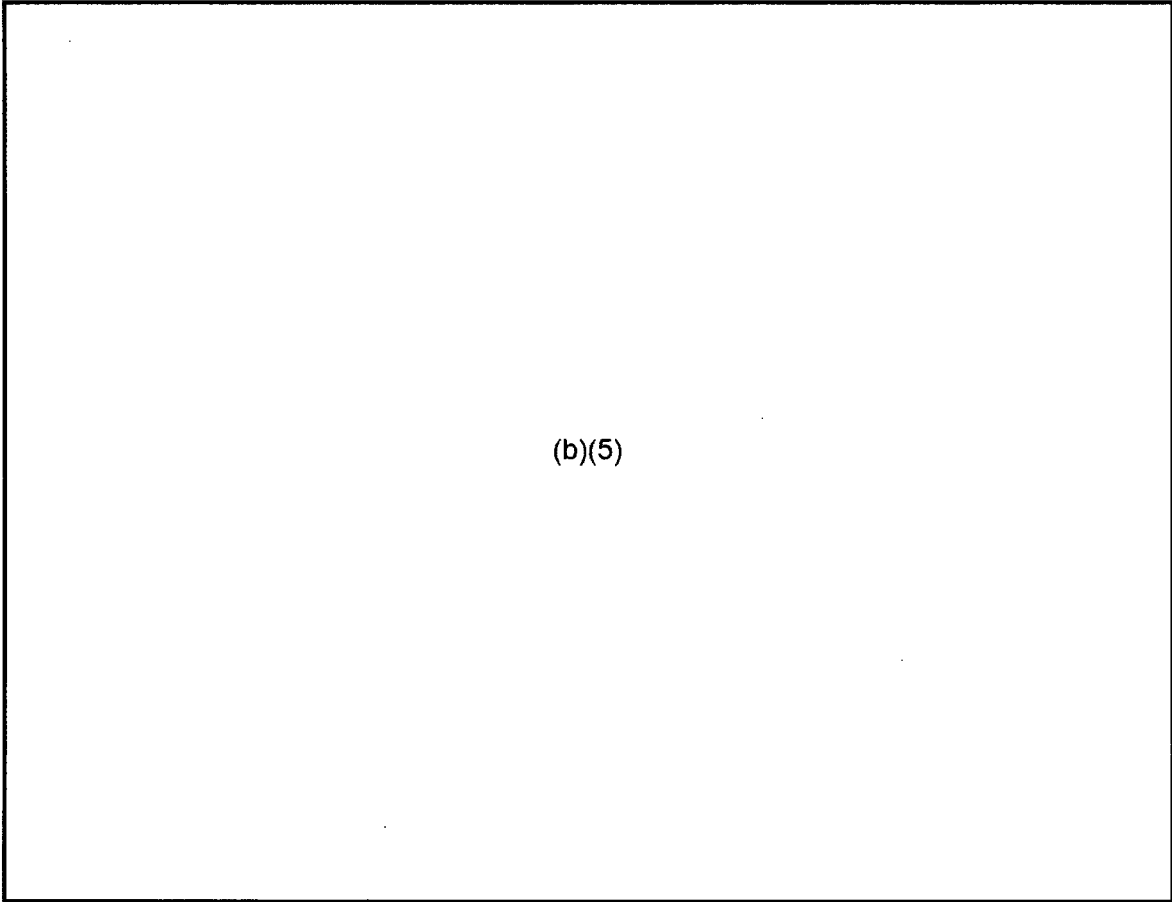
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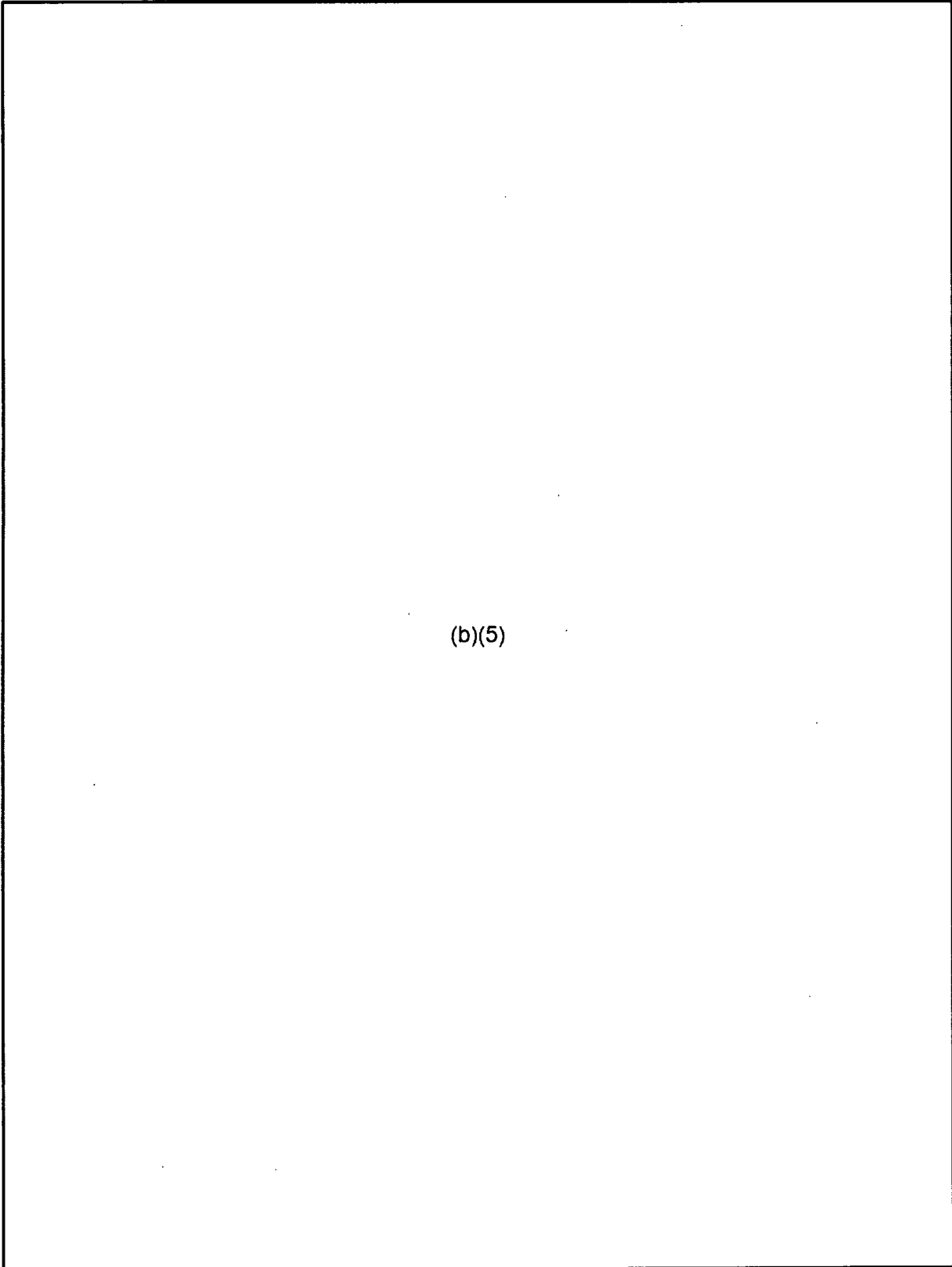
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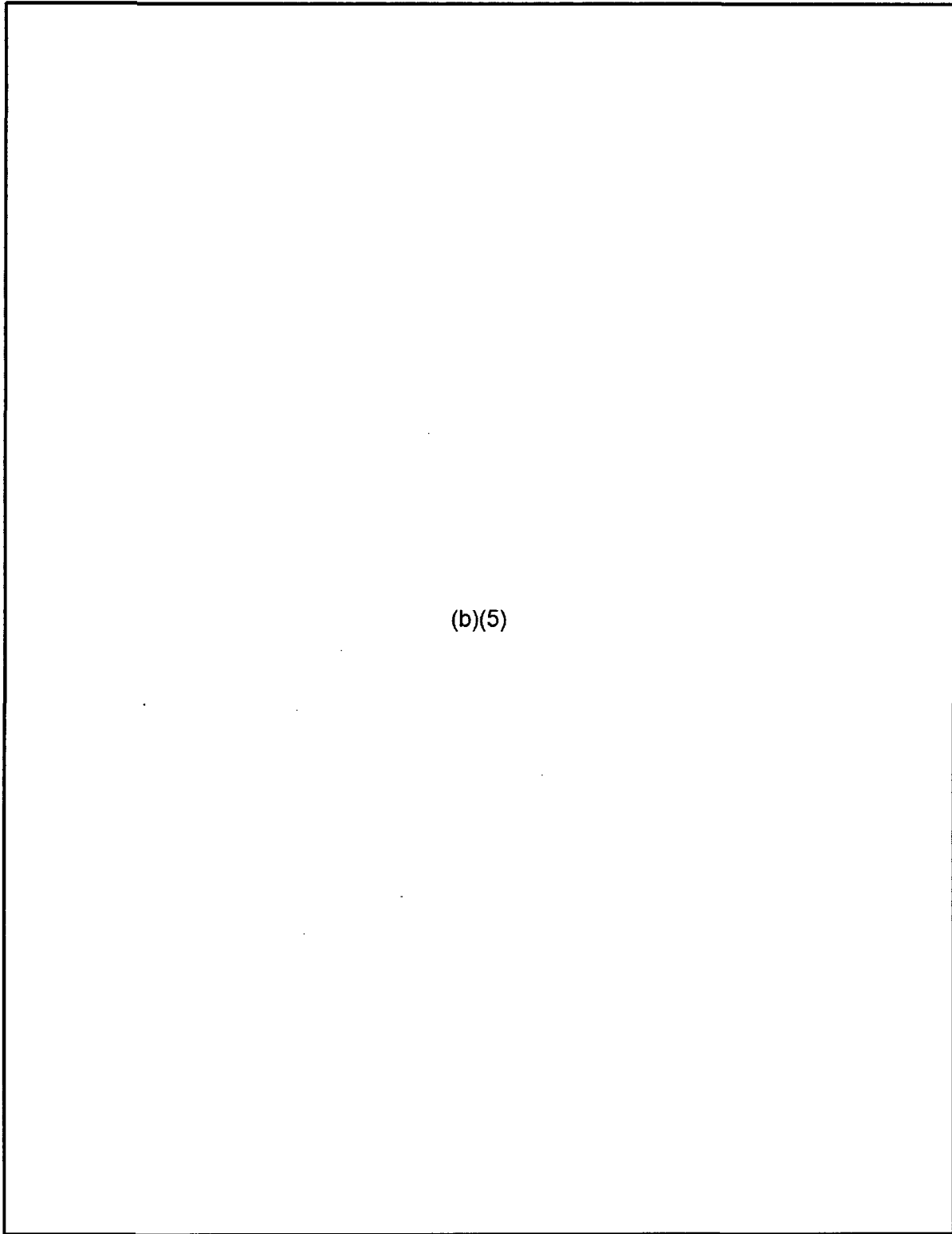


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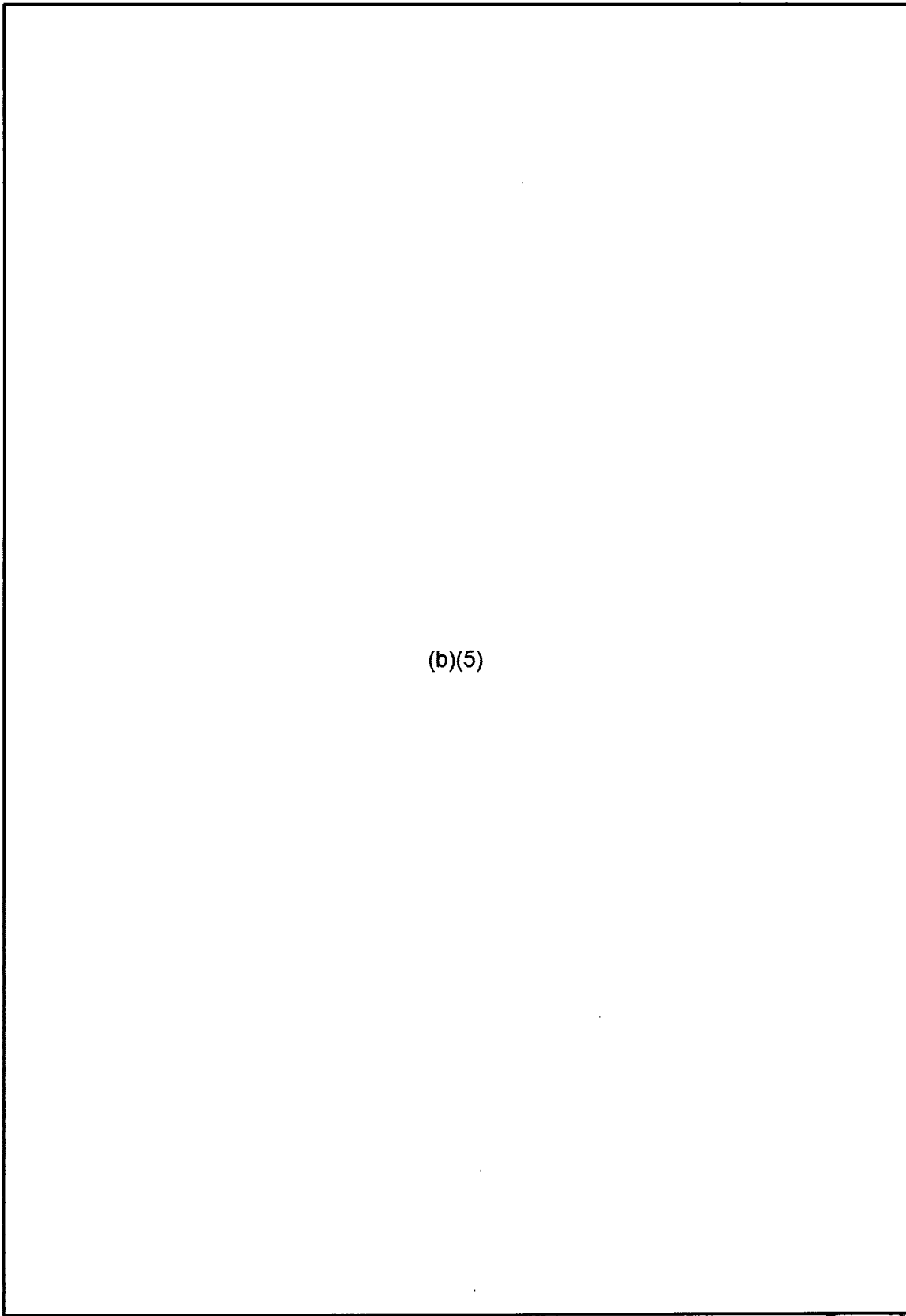
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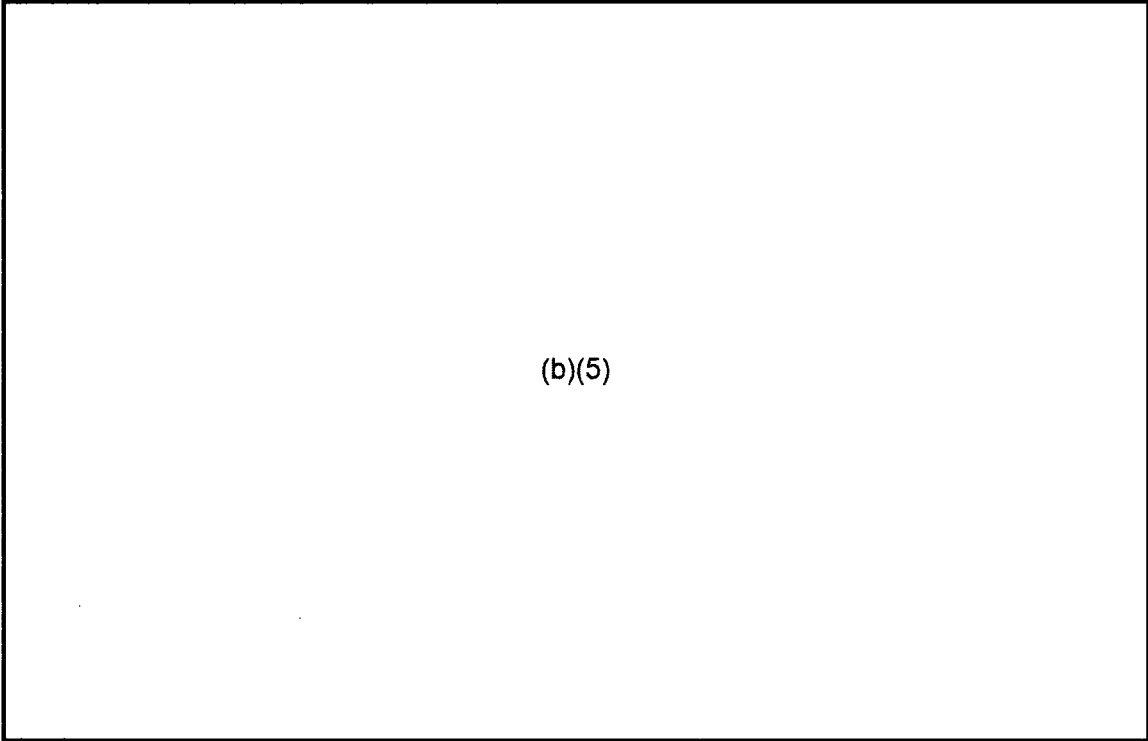
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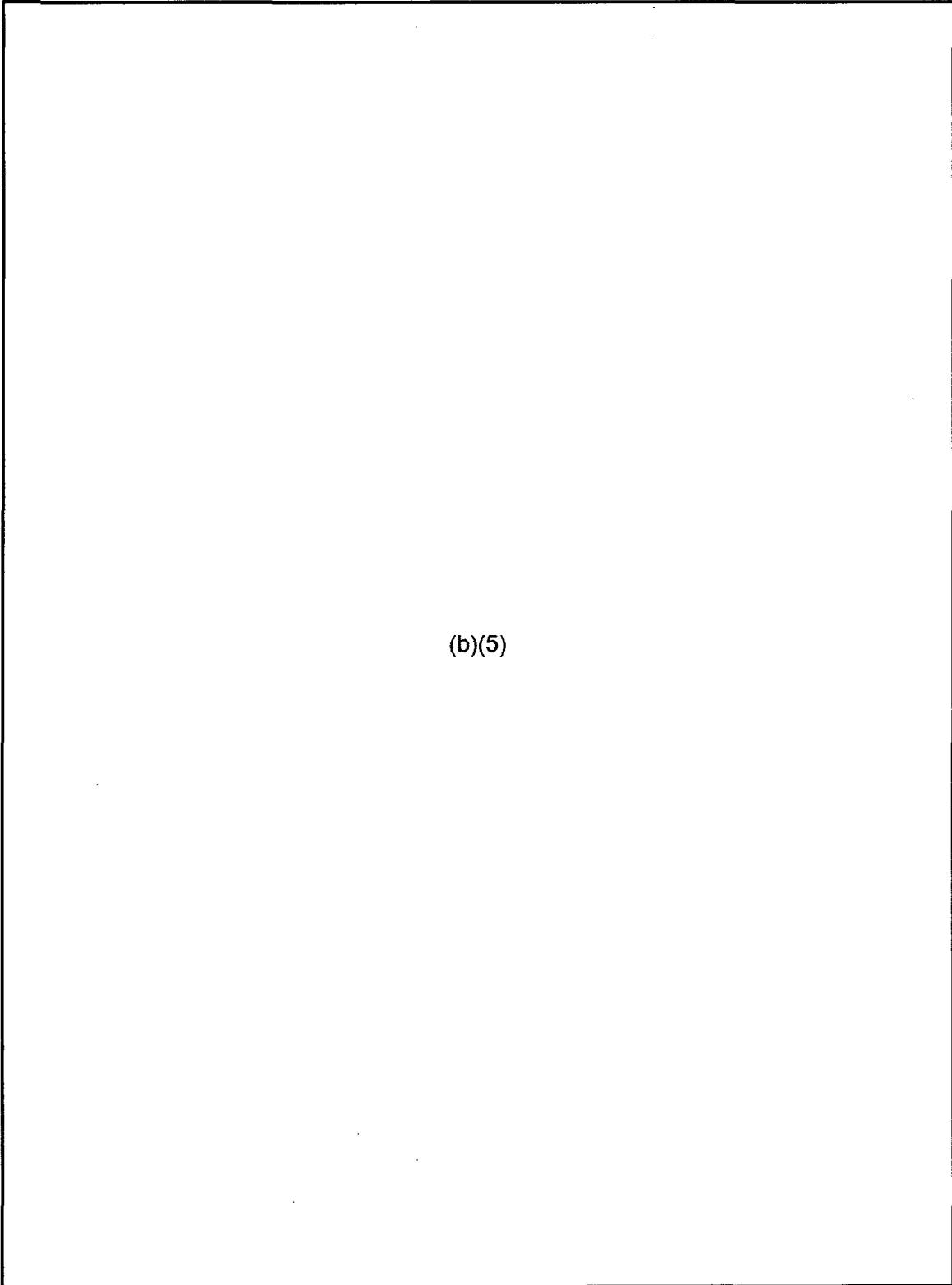


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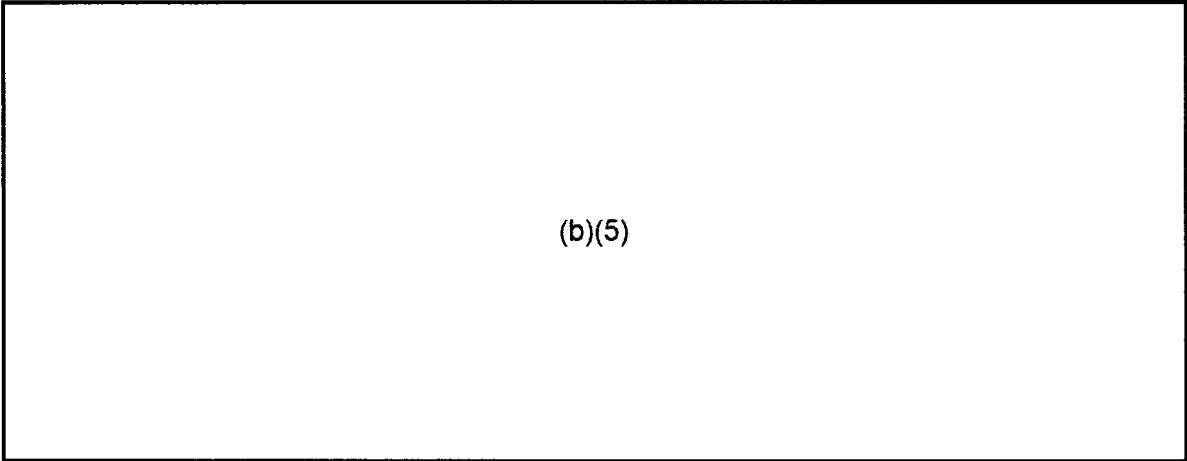




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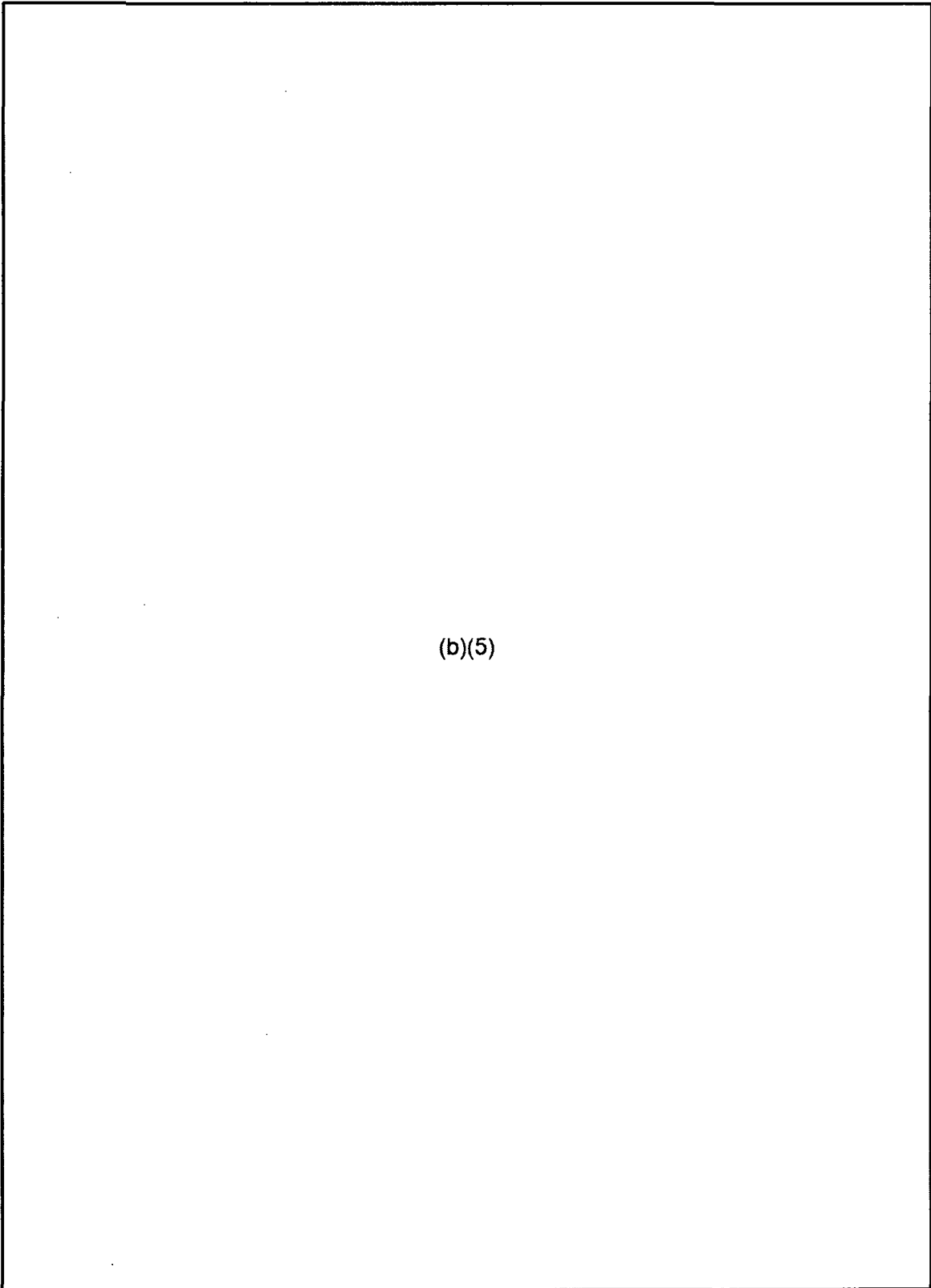
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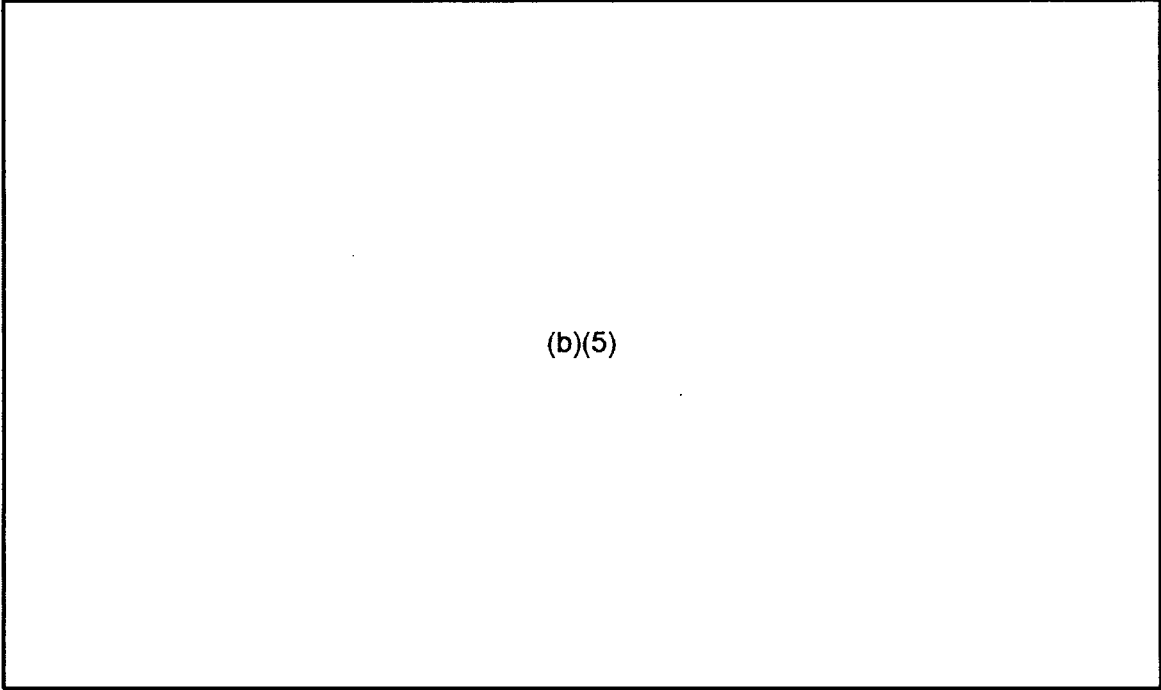
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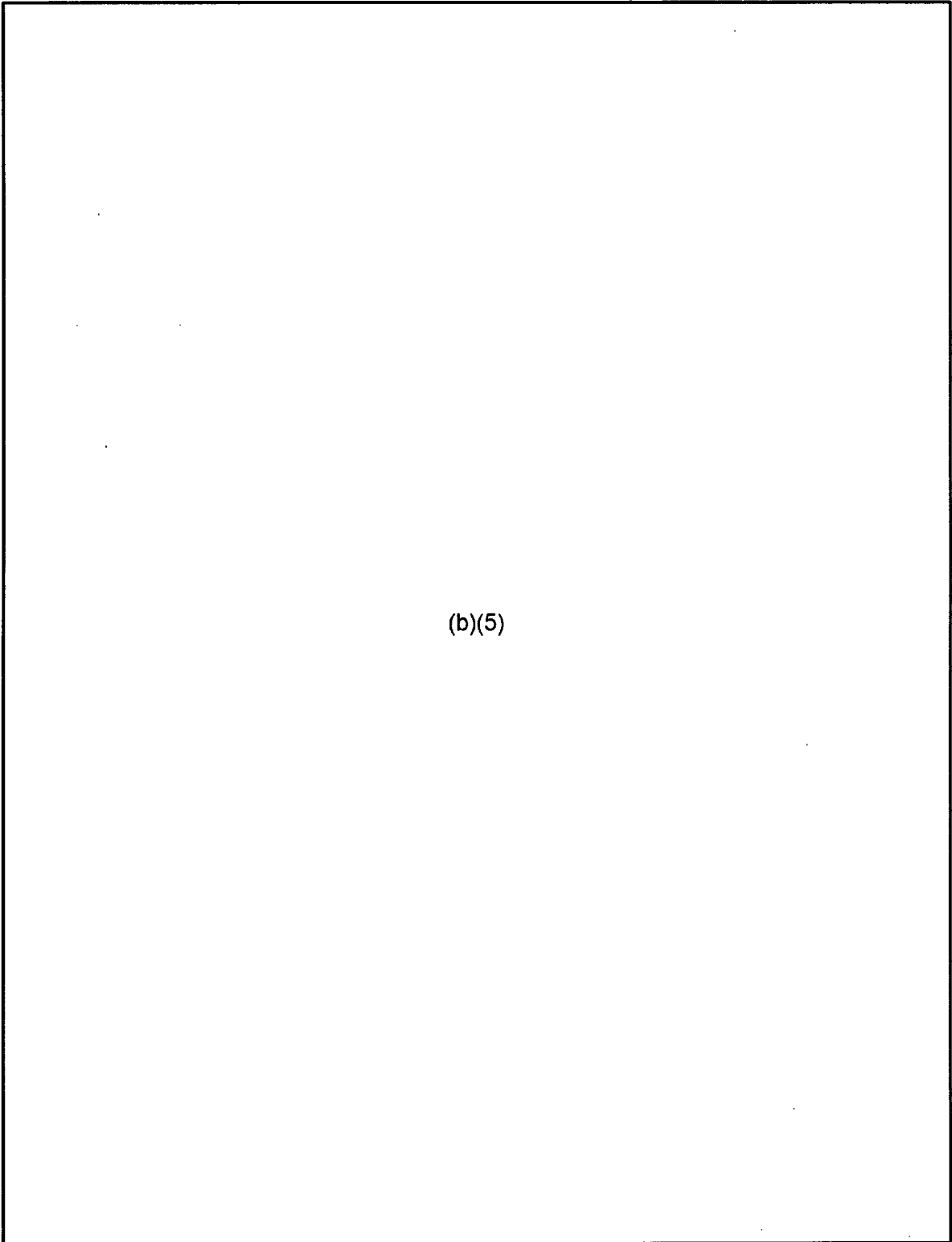


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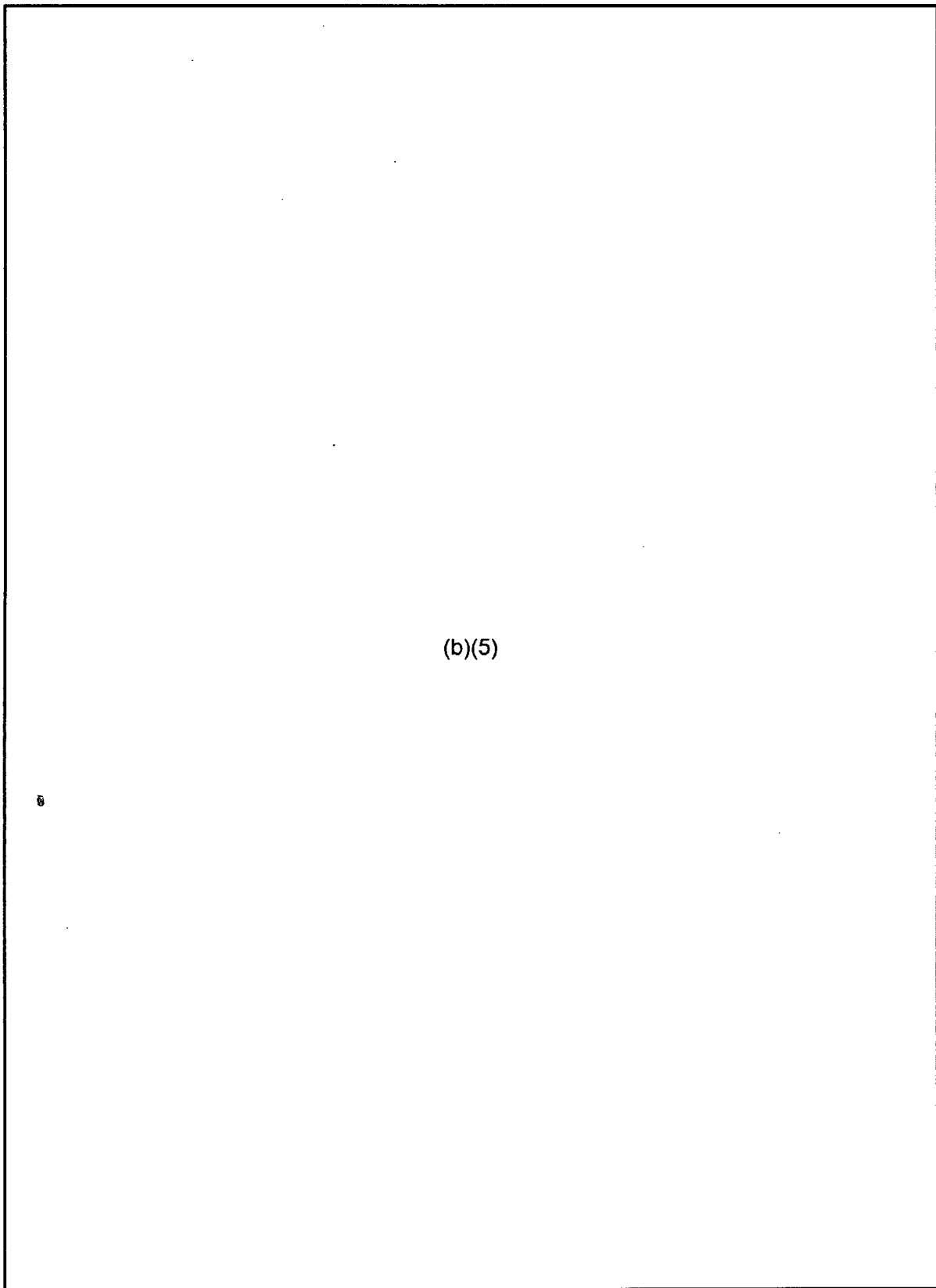


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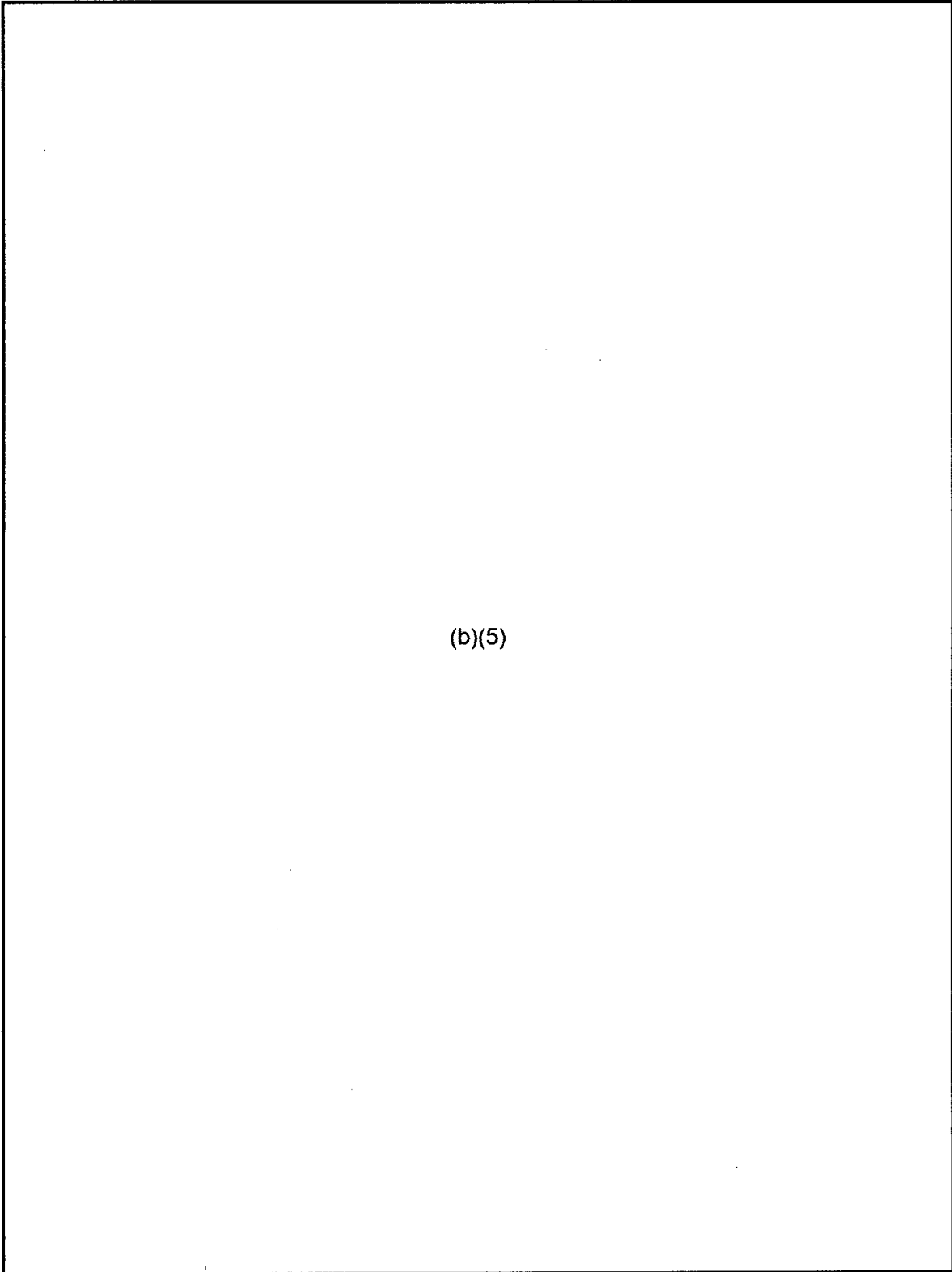
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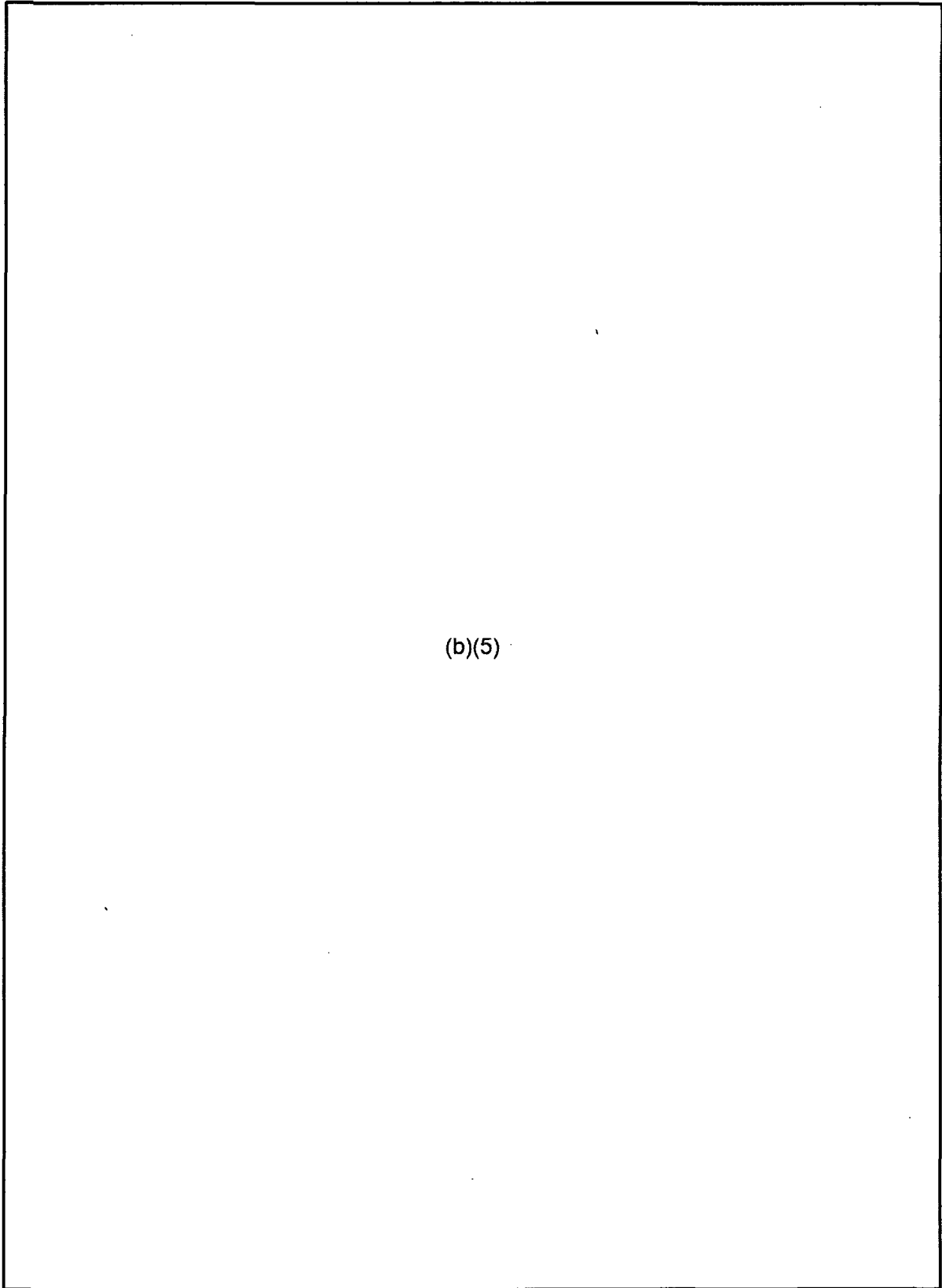
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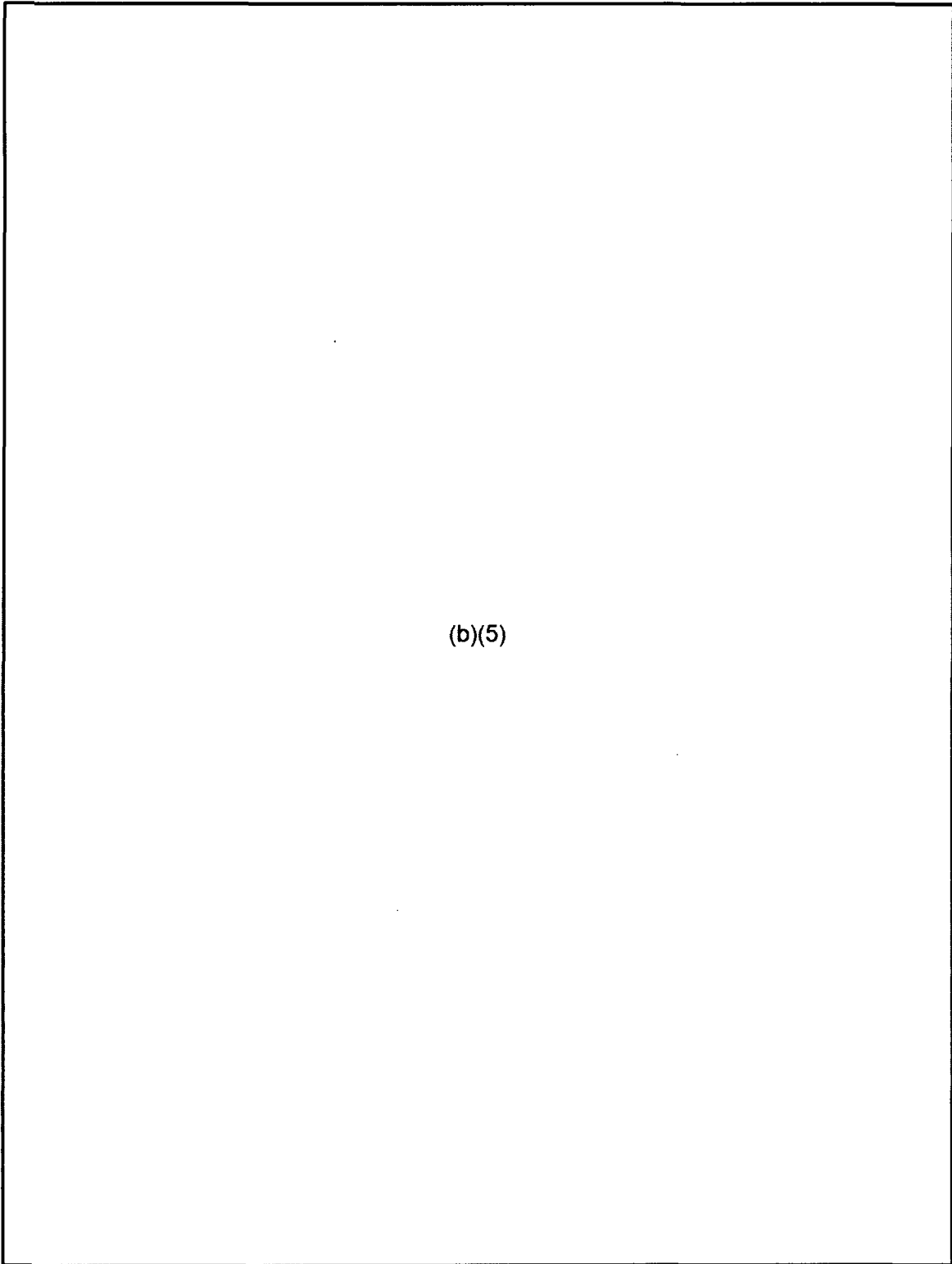




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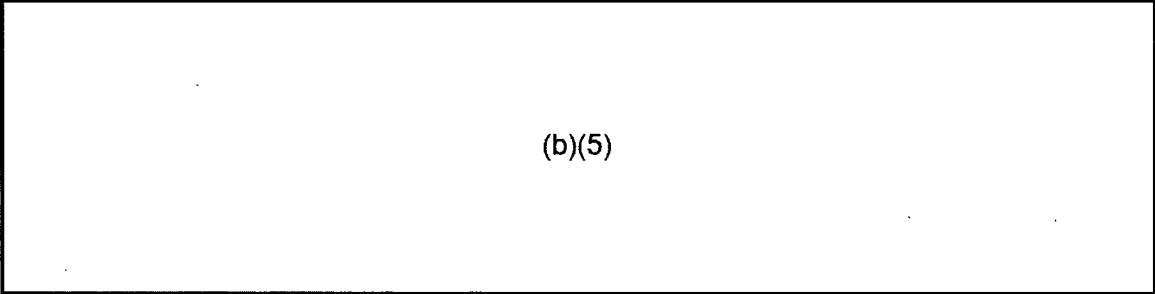
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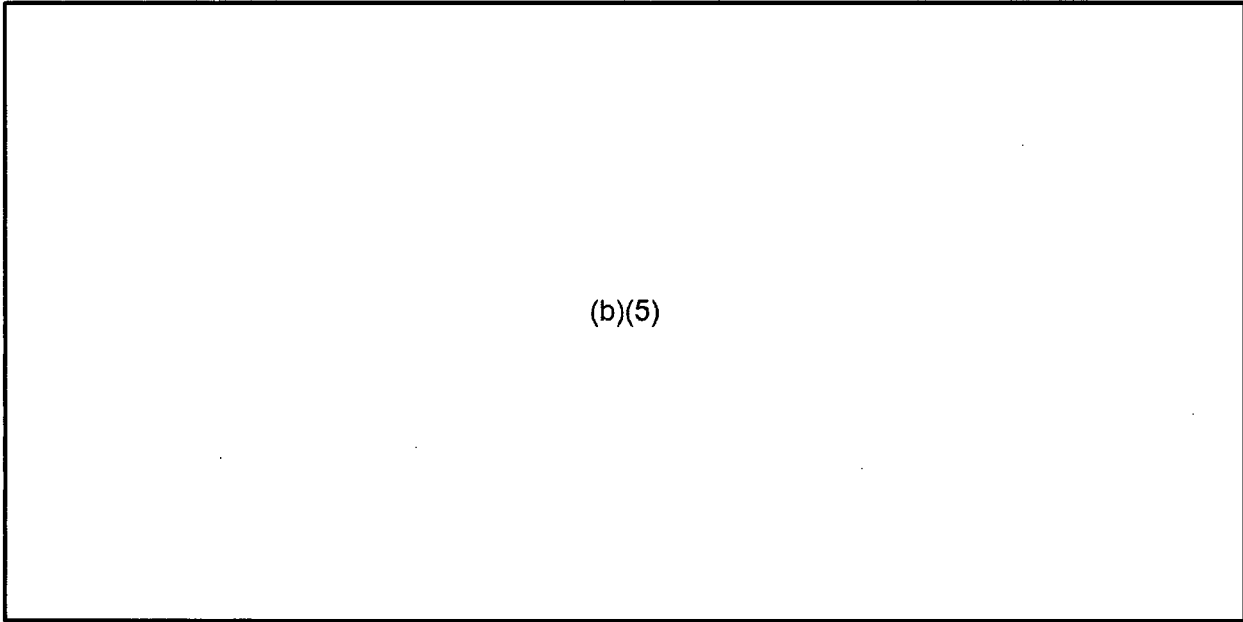
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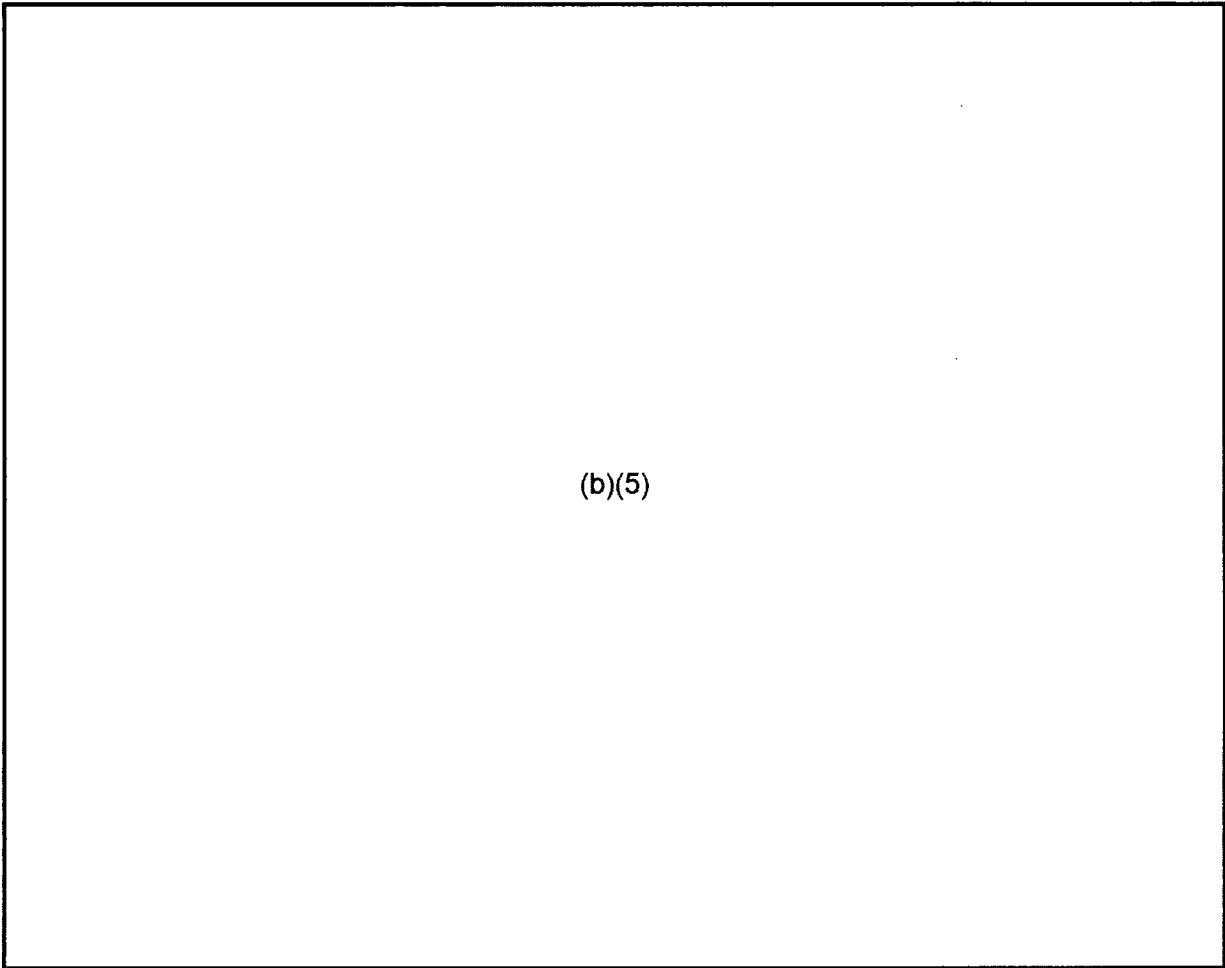
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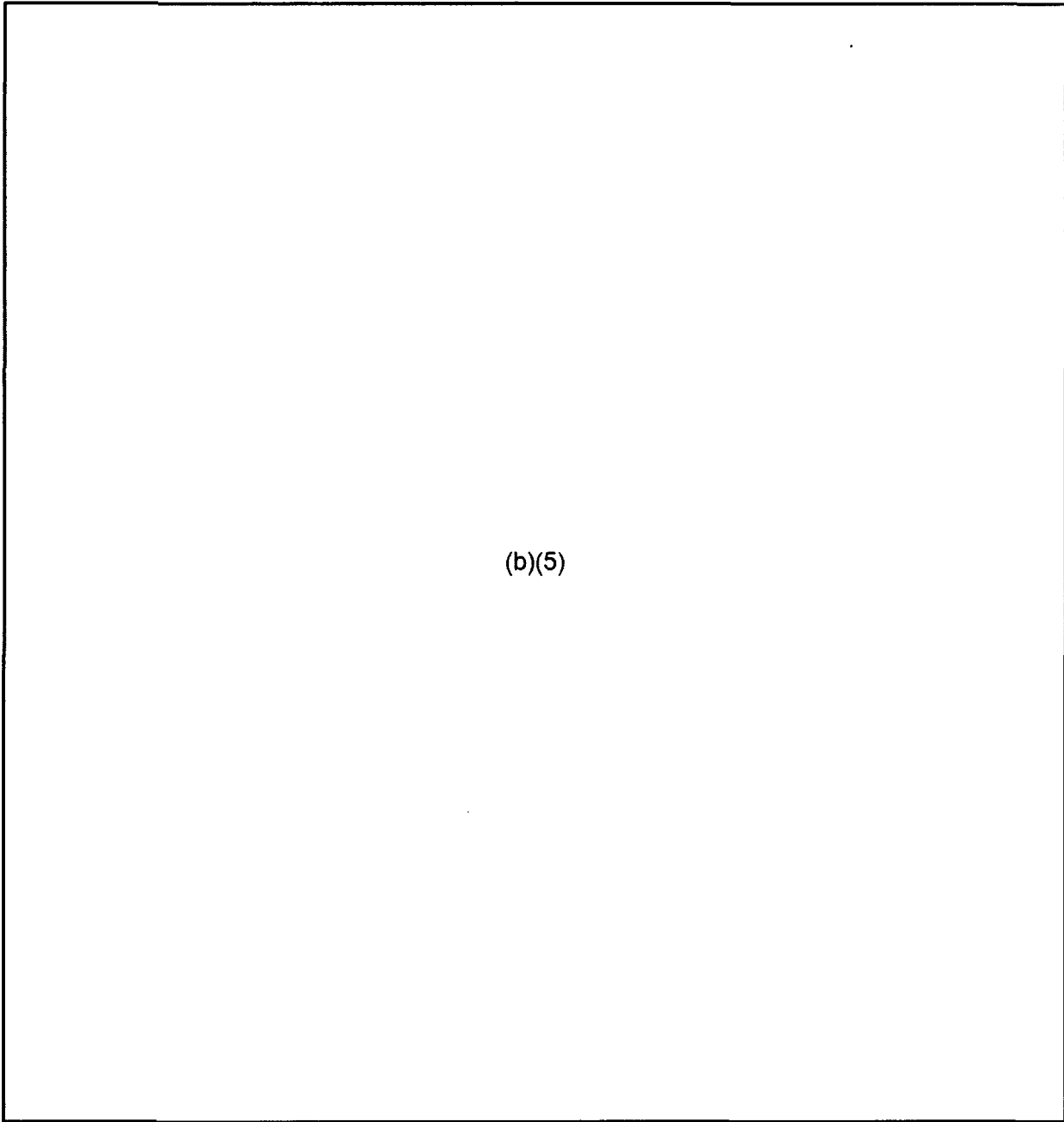
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Waste Confidence



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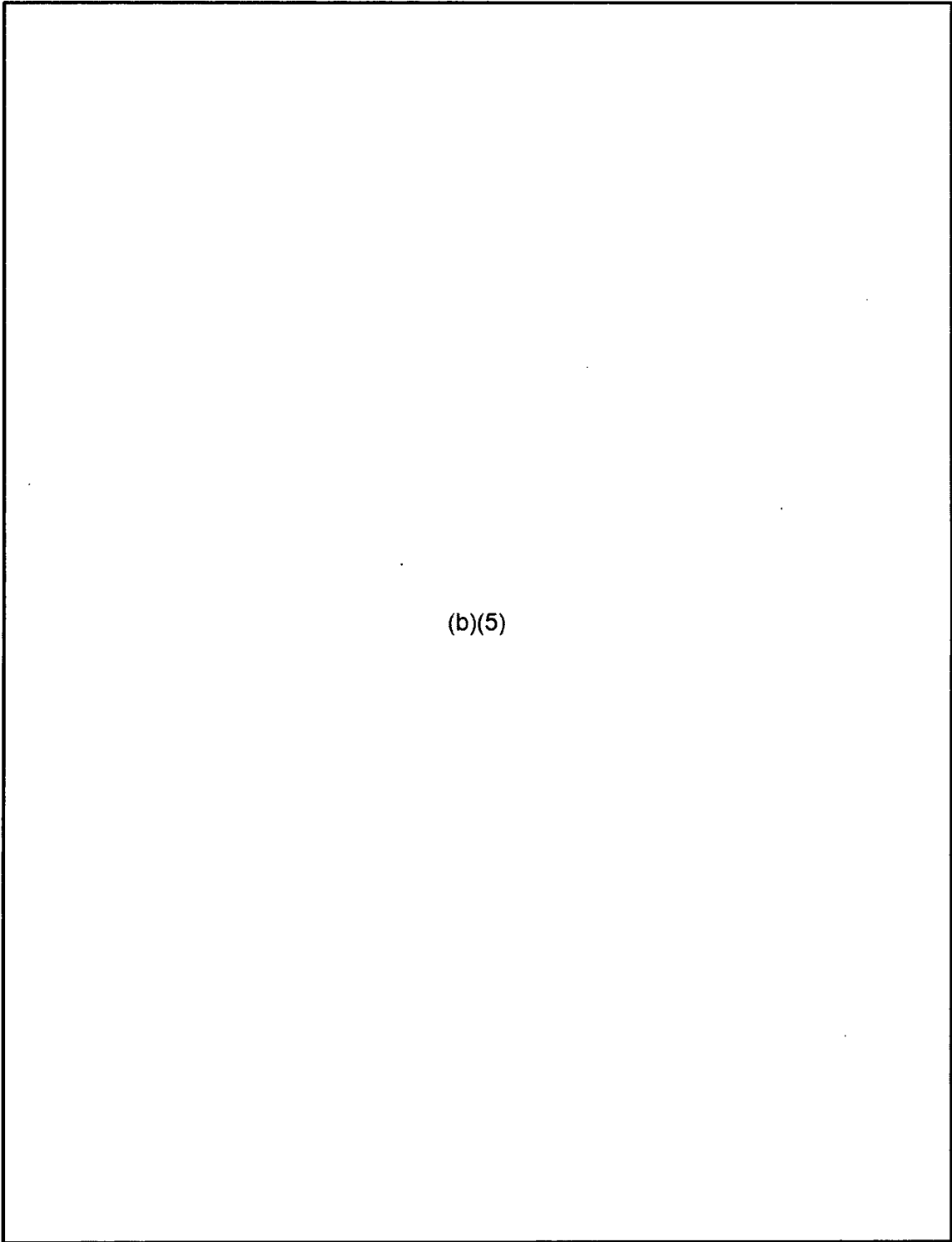
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**From:** Sebrosky, Joseph  
**To:** Gibson, Lauren; DiFrancesco, Nicholas  
**Cc:** Singal, Balwant; Oesterle, Eric; Uselding, Lara; Whaley, Sreedu  
**Subject:** Info: past communication plan on Diablo Canyon RIL  
**Date:** Monday, August 25, 2014 7:34:00 AM  
**Attachments:** [communication plan for dcpp shoreline fault zone ril 11-3-12.docx](#)

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Lauren, and Nick,

The purpose of this email is to provide you with the past communication plan on the Diablo Canyon RIL. Although old, it gives you some idea of the folks that were involved with the issuance of the RIL including OCA.

In addition, based on discussions with Nick I understand that the PG&E mentioned on Friday that it considered the Shoreline fault to be capable of generating a magnitude 6.7 earthquake. As you know the 2012 RIL looked at the possibility of the Shoreline fault generating a magnitude 5.9 and a magnitude 6.7 earthquake. The RIL is available at:

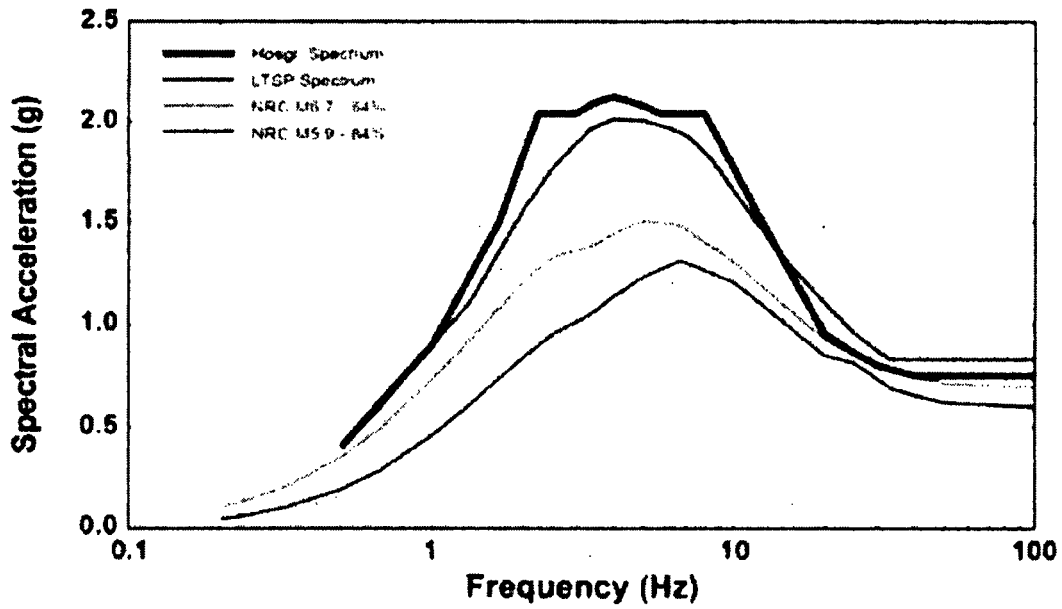
[View ADAMS P8 Properties ML121230035](#)

[Open ADAMS P8 Document \(Research Information Letter RIL-12-01 - Confirmatory Analysis of Seismic Hazard at the Diablo Canyon Power Plant from the Shoreline Fault Zone.\)](#)

As stated in the RIL the 6.7 magnitude earthquake is based on a scenario where the Shoreline fault is 23 kilometers long. There were longer faults that were considered in the RIL and the RIL states the following regarding these longer faults:

*Any fault length greater than 33 km, and thus capable of generating a larger earthquake, would have to extend onshore on the opposite side of the bay where evidence of faulting would be seen. These two lines of field evidence suggest that  $M_{max}$  cannot exceed M6.9. While this line of reasoning is informative and provides a clear upper boundary for  $M_{max}$ , use of this scenario is not supported by the data, and the NRC staff determined that using M6.9 in a DSHA is speculative and not supported by the currently available observations.*

The bottom line is whatever PG&E told us on Friday I think needs to be reviewed against the RIL to see if the RIL is still applicable or if an update needs to be considered. Please recognize that at the 6.7 magnitude earthquake the statement we made in the RIL cover letter that the deterministic evaluations were at or below those for which the plant is licensed was based on the graph below. The graph, which can be found in the RIL, shows that at the 20 Hz range the 6.7 magnitude earthquake spectrum and the Hosgri spectrum are essentially equal.



More background information on the RIL that was used to support a November 2012 public meeting can be found at the following RIV sharepoint site:  
<http://fusion.nrc.gov/regions/riv/Public%20Meetings/Forms/AllItems.aspx>

Please let me know if you have any questions.

Thanks,

Joe

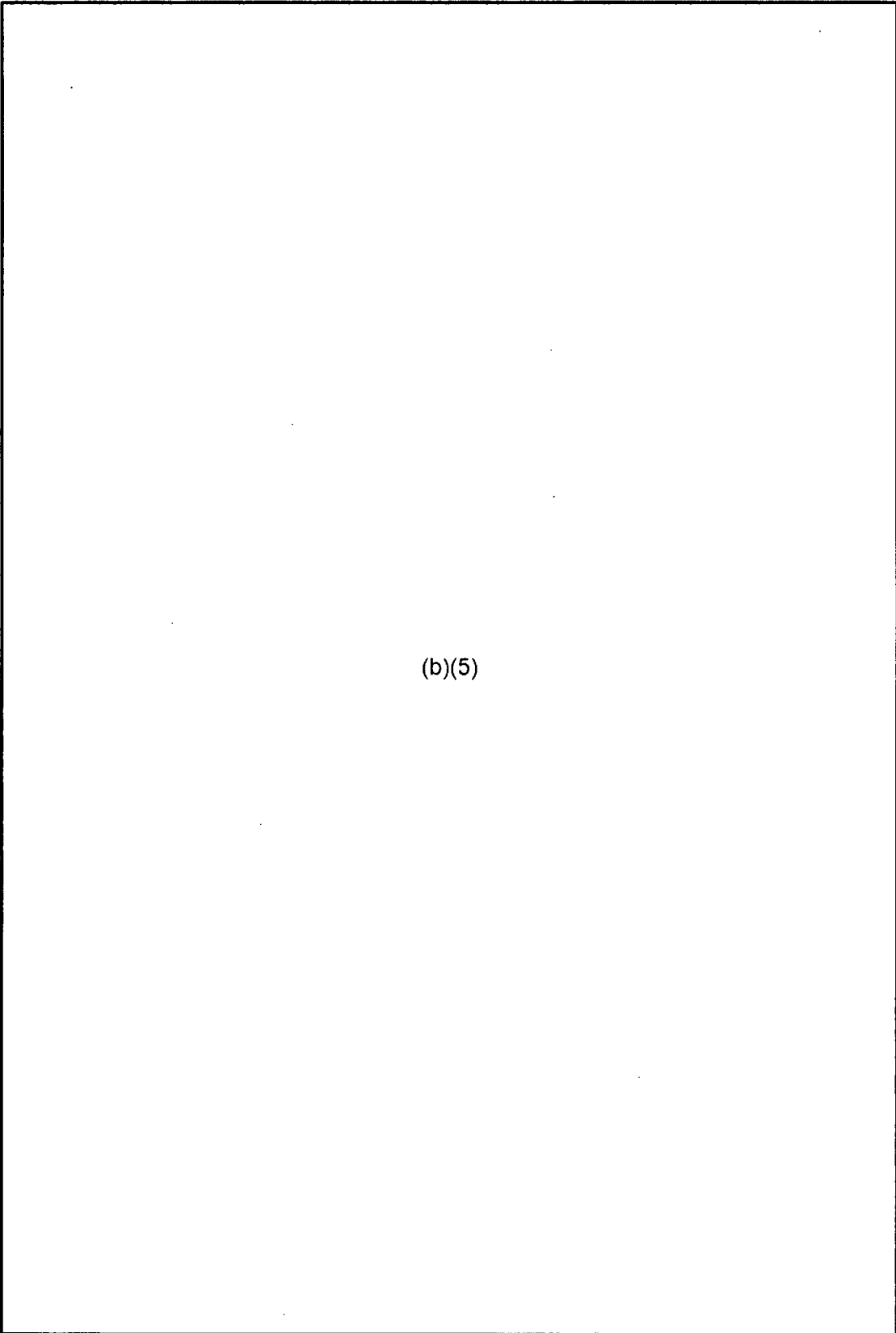
**COMMUNICATION PLAN FOR  
ISSUANCE OF RESEARCH INFORMATION LETTER ASSOCIATED WITH  
SEISMIC HAZARD AT THE DIABLO CANYON POWER PLANT FROM THE  
SHORELINE FAULT ZONE  
SEPTEMBER, 2012  
11-3-12 Version**

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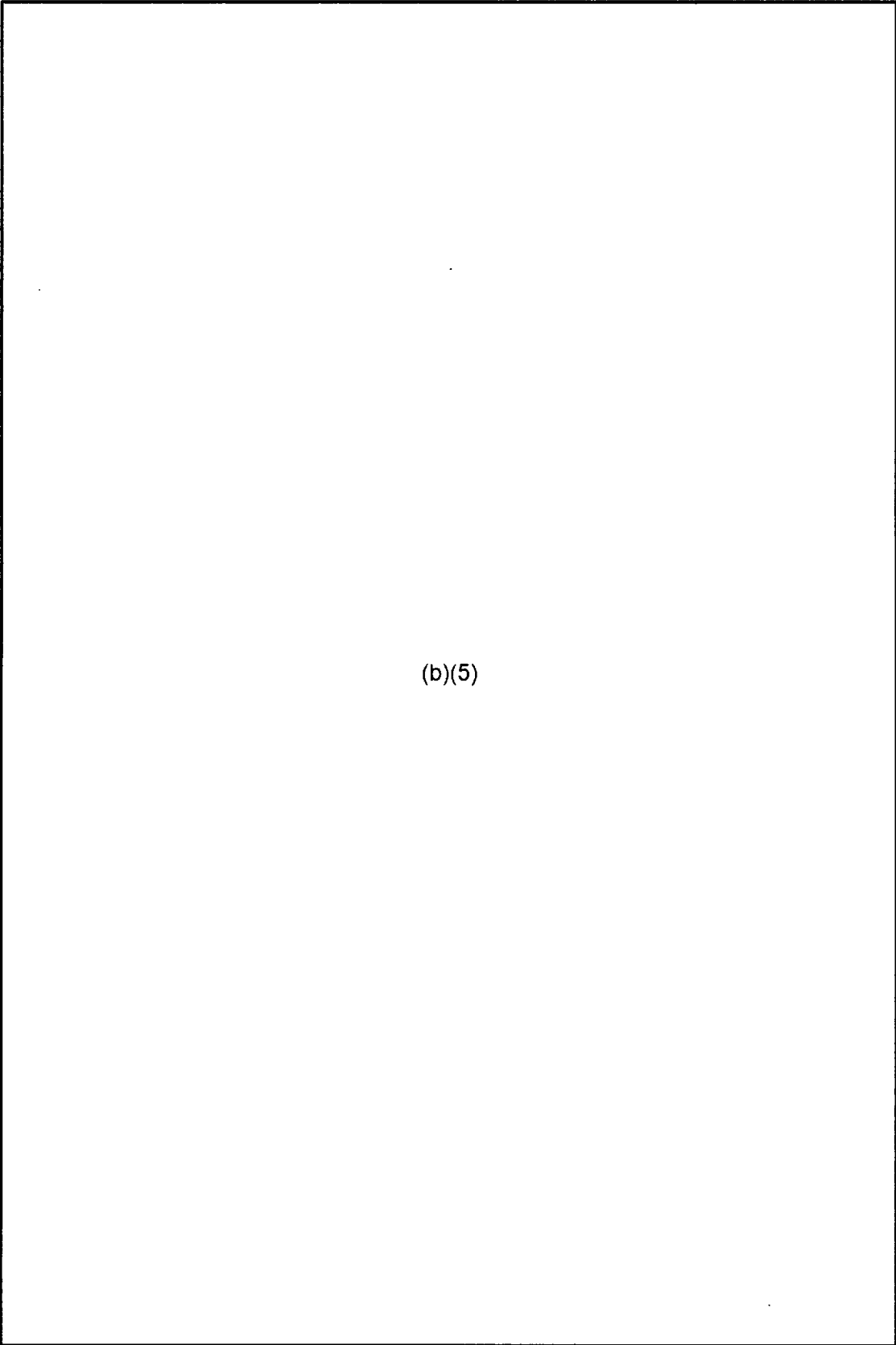


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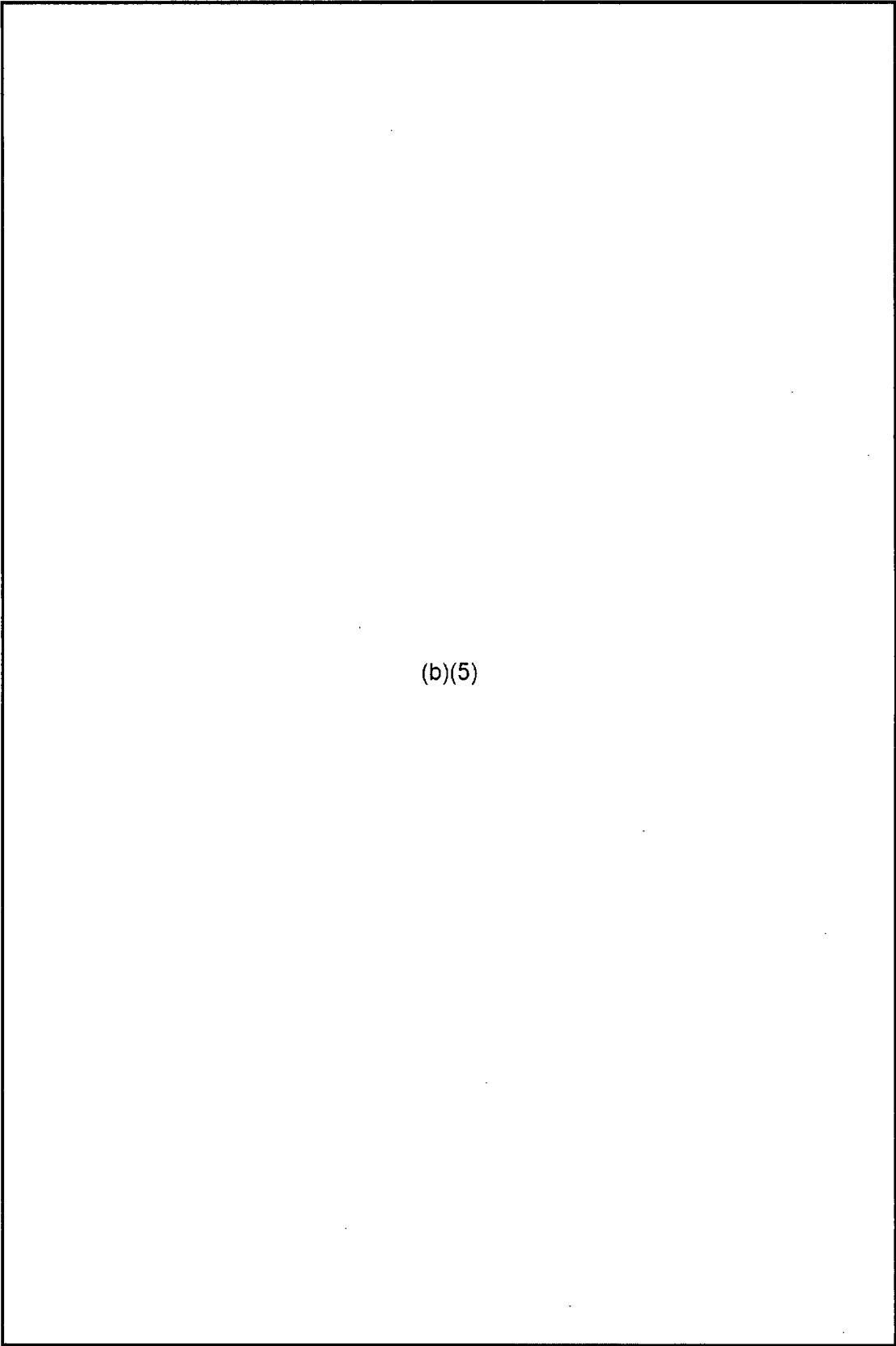
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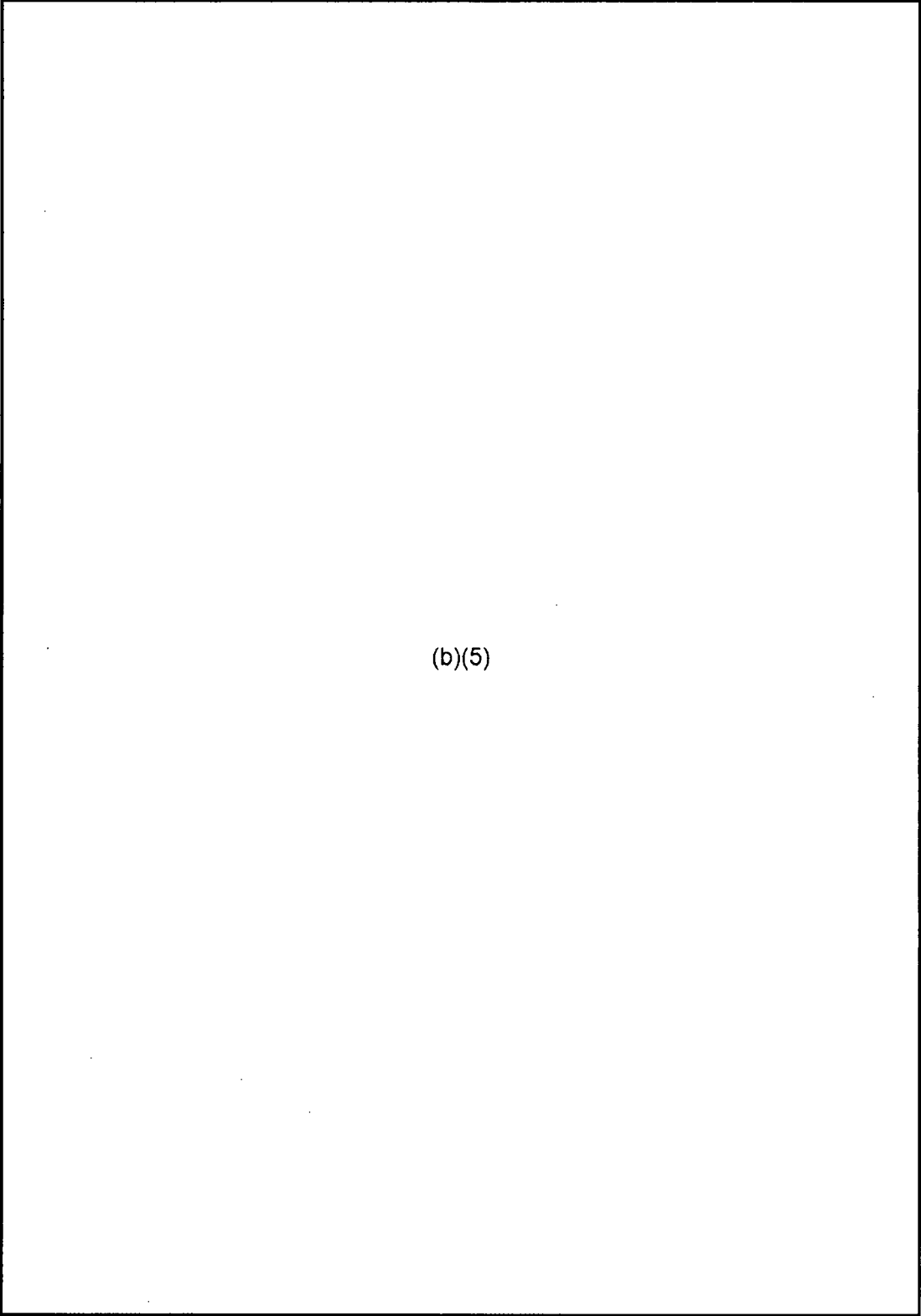
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