

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

UNITED STATES STEEL CORPORATION,)	
)	
Petitioner,)	
)	
v.)	PCB No. 24-77
)	(Permit Appeal-Air)
ILLINOIS ENVIRONMENTAL)	
PROTECTION AGENCY)	
)	
Respondent.)	

NOTICE OF ELECTRONIC FILING

To: *See Attached Service List*

PLEASE TAKE NOTICE that on the 30th day of September, 2024, I caused to be filed with the Office of the Clerk of the Illinois Pollution Control Board by electronic filing: (1) the Respondent’s Certificate of Record on Appeal with Index, a copy of which is attached hereto and (2) the Record on Appeal, a copy of which is provided through a File Transfer Protocol. The Certificate of Record on Appeal with Index and the Record on Appeal are hereby served upon you.

ILLINOIS ENVIRONMENTAL
PROTECTION AGENCY

By: /s/ Ellen F. O’Laughlin
Ellen F. O’Laughlin
Supervising Attorney
Environmental Bureau
69 W. Washington Street, 18th Floor
Chicago, IL 60602
Work Cell: (773) 590-7837
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SERVICE LIST

Don Brown, Clerk of the Board
Illinois Pollution Control Board
60 E. Van Buren St., Suite 630
Chicago, Illinois 60605
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(by *electronic filing*)

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St. Louis, MO 63130-4899
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CERTIFICATE OF SERVICE

I, Ellen O’Laughlin, an Assistant Attorney General, hereby certify that on the 30th day of September, 2024, I caused to be served the foregoing Notice of Electronic Filing and Respondent’s Certificate of Record on Appeal with Index and Record on Appeal upon the parties named on the attached Service List, via e-mail and record by file transfer link.

ILLINOIS ENVIRONMENTAL
PROTECTION AGENCY

By: /s/ Ellen F. O’Laughlin
Ellen F. O’Laughlin
Supervising Attorney
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UNITED STATES STEEL CORPORATION,)
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Respondent.)

INDEX OF THE RECORD

Respondent, ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (“Illinois EPA”), in accordance with the procedural rules of the Illinois Pollution Control Board (“Board”) as set forth in 35 Ill. Adm. Code 105.612, files in this cause the Illinois EPA’s Administrative Record of Denial of United States Steel Corporation, Granite City Works, for Revisions to Construction Permit/PSD No. 95010001, which is attached and consists of the following documents:

1. 1992 Production Increase Permit - 92090104

Record No.	Date	Description
R 000001-000012	1/4/1994	Construction Permit U.S. Steel Granite City Works for Blast Furnace and Blast Oxygen Furnace Production Increase

2. 2018 Stack Test Information Less Appendices

R 000013-000040	12/3/2018	U.S. Steel, Granite City Works, MACT Compliance Test Report for Basic Oxygen Furnace ESP Exhaust Stack
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3. 2021 Stack Test Information Less Appendices

R 000041-000074	6/8/2021	U.S. Steel, Granite City Works, BOF ESP Stack Test Results submitted to Illinois EPA
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4. Air Pollution Control - Design Approach

R 000075-000077		C. Cooper, F.C. Alley, <i>Air Pollution Control, Fourth Edition</i> , excerpts of Carbon Monoxide and Air Quality Index
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5. All Versions of Production Increase Permit - No. 95010001

R 000078-000112	1/5/1999	Revised Operating Permit issued to U.S. Steel, Granite City for Production Increase
R 000113-000145	1/25/1996	Construction Permit issued to U.S. Steel, Granite City for Production Increase
R 000146-000181	4/2/1997	Construction Permit issued to U.S. Steel, Granite City for Production Increase
R 000182-000213	6/6/1997	Operating Permit issued to U.S. Steel, Granite City Works, for Production Increase
R 000214-000254	6/25/2022	Operating Permit issued to U.S. Steel, Granite City for Renewal of Production Increase
R 000255-000287	7/25/1996	Construction Permit issued to U.S. Steel, Granite City, for Production Increase
R 000288-000320	10/18/1996	Construction Permit issued to U.S. Steel, Granite City, for Production Increase
R 000321-000349	12/17/2012	Construction Permit/PSD Approval Revised issued to U.S. Steel, Granite City, for Production Increase
R 000350	11/17/1998	Illinois EPA Acknowledgement of Withdrawal of U.S. Steel application

6. Ambient Monitoring for CO

R 000351-000353	10/3/2022	Excerpts from Missouri Department of Natural Resources Air Quality Analysis for Carbon Monoxide
R 000354-000356		Illinois Environmental Protection Agency, Illinois Air Quality Report, Air Quality Index 2016, Carbon Monoxide Tables 2012-2016, pgs. 74-75
R 000357-000358		Illinois Environmental Protection Agency, Illinois Air Quality Report, Air Quality Index 2017, Table B13 Carbon Monoxide Highs, pg 71
R 000359-000364		Illinois Environmental Protection Agency, Illinois Air Quality Report, Air Quality Index 2018, Table B13 Carbon Monoxide Highs
R 000365		Illinois Environmental Protection Agency, Illinois Air Quality Report 2020, Table A4 Monitoring Directory

7. Atmospheric Chemistry and Physics

R 000366-000380		Excerpts of <i>Atmospheric Chemistry and Physics, From Air Pollution to Climate Change</i> , 2 nd Edition, Seinfeld and Pandis, 2006
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8. Background for Strube

R 000381-000402		Illinois Underground Storage Tank Fund Guide
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9. Blast Furnace Modern Process

R 000403-000404		Reference material - Modern Blast Furnace process
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10. Chemrex Opinion PCB 92-123

R 000405-000412		Chemrex v. Illinois EPA (PCB No.92-123) Opinion and Order, dated February 4, 1993
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11. CO Air Dispersion Modeling, October 2022

R 000413-000457		RTP Environmental Associates, U.S. Steel Granite City, Carbon Monoxide Air Dispersion Modeling for Prevention of Significant Deterioration and Construction Permit, October 2022
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12. Cogen Boiler Project - 06070023

R 000458-000485	1/30/2008	Construction Permit issued to U.S. Steel, Granite City Cogeneration Boiler Project
R 000486-000515	3/25/2021	Construction Permit Revised NSPS/NESHAP Source issued to U.S. Steel, Granite City Cogeneration Boiler Project
R 000516-000549	11/30/2012	Construction Permit Revised NSPS issued to U.S. Steel, Granite City Cogeneration Boiler Project
R 000550-000585		Responsive Summary for Public Comments and Questions on Cogeneration Boiler Project at U.S. Steel Granite City Works January 2008

13. Coke Battery Shutdown Application - 15030001

R 000586-000620	3/2/2015	U.S. Steel Granite City Works Application for Increase in Natural Gas usage due to shut down of Coke Oven Plant
R 000621-000662	3/27/2015	U.S. Steel Granite City Works Supplemental Submittal of Coke Battery Shutdown Application

14. Counterfactual

R 000663-000666		Dictionary Counterfactual definition
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15. Draft Denial - Calculation Sheet and Accompanying Information

R 000667	7/20/2023	Calculation Sheet: Application for Revision of Construction Permit for the 1996 Production Increase written by Chris Romaine
R 000668-000716	7/2023	July 2023 Draft Denial of Application for Revisions to Construction Permit/PSD Approval submitted by U.S. Steel Granite City Works
R 000717-000767		July 2023 Project Summary for Proposed Denial of U.S.

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		Steel Granite City Works Application for Revisions to Construction Permit/PSD Approval
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16. Eco Cat

R 000768-000770	7/27/2020	Illinois DNR EcoCat Natural Resources Review of U.S. Steel Granite City Works PSD Permit Application
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17. EJ

R 000771-001128	10/3/2022	U.S. Steel Granite City Works Application re Revisions to Permit Application 95010001
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18. EJ Outreach Letter

R 001129-001131		Illinois EPA Environmental Justice Notice of U.S. Steel Granite City Works Permit Application to revise 1996 Production Increase Permit
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19. Emails

Record No.	Date	Description
R 001132	1/7/2015	Meeting Invite to Discuss US Steel
R 001133-001172	1/8/2015	Email chain between Hacker, Carter and Patel with attached Comments of US Steel to Notice of Intent to Deny
R 001173	1/10/2023	Email: D. Ogulei to C. Romaine re US Steel Relaxation Question
R 001174	1/15/2023	Email: C. Romaine to S. Carter re Accepted
R 001175		Email: J. Spague accepted S. Carter Invite
R 001176-001214	1/17/2024	Email: S. Brubaker to S. Carter with attached US Steel Comment - RTP Environmental to US Steel Notice of Intent to Deny
R 001215	1/22/2020	Sally Carter Invite to US Steel Meeting
R 001216	1/22/2022	Chris Romaine accepted conference call with Driver
R 001217	2/1/2022	Email: Chris Romaine to M. Patel re US Steel Telephonic Call
R 001218	2/2/2022	Sally Carter Cancellation of Call sent to C. Romaine and M. Patel
R 001219-001220	2/2/2022	L. Driver Invitation re US Steel Zoom conference call
R 001221-001225	2/2/2022	Email: D. Hacker to L. Driver, C. Hardin, C. Romaine, S. Carter and M. Patel attached to Slag Skimming document
R 001226-001227	2/3/2020	Email: J. Spague to D. Keen with attached US Steel CO Modeling Protocol
R 001228-001255	2/3/2020	Email: D. Keen to D. Hacker, L. Driver, C. Hardin with attached US. Steel Granite City Works Carbon Monoxide Modeling and Analysis Protocol
R 001256-001258	2/4/2020	Email chain between D. Keen and J. Spague re US Steel

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Record No.	Date	Description
		Carbon Monoxide Modeling Protocol
R 001259-001261	1-27-2020- 2-7-2020	Email chain between C. Romaine and D. Hacker re US Steel Conference Call
R 001262	2/8/2023	C. Romaine acceptance of S. Carter US Steel Telephonic Conference Call invitation
R 001263	2/8/2023	C. Romaine forward to M. Patel, S. Carter US Steel Telephonic Conference Call invitation
R 001264	2/8/2023	M. Patel acceptance of S. Carter February 12, 2023 US Steel Call
R 001265	2/9/2022	C. Romaine acceptance of S. Carter US Steel Call
R 001266	2/17/2020	C. Romaine acceptance of S. Carter US Steel Call Invitation
R 001267	2/22/2020	C. Romaine acceptance of S. Carter US Steel Call Invitation
R 001268	2/22/2020	C. Romaine acceptance of S. Carter US Steel Call Invitation
R 001269	2/22/2023	Sally Carter invitation to U.S. Steel Call to C. Romaine, M. Patel, J. Armitage, and J. Schnep
R 001270	2/24/2020	LaDonna Driver Invitation to US Steel Conference Call
R 001271-001852	2/24/2020	Email: Sally Carter to C. Romaine forwarding email February 3, 2020, attaching US Steel Carbon Monoxide Modeling Protocol
R 001853-001855	2/24/2020	Email: C. Romaine to S. Carter forwarding February 3, 2020, email attaching Carbon Monoxide Protocol
R 001856	3/1/2022	C. Romaine acceptance of S. Carter US Steel Call invitation
R 001857	3/1/2022	S. Carter invitation to US Steel call to C. Romaine and M. Patel
R 001858-002146	3/2/2020	Email: G. Sani to M. Patel attaching US Steel Granite City Works Application for Revisions to Construction Permit PSD Approval
R 002147-002435	3/2/2020	Email: M. Patel to S. Carter forwarding G. Sani email attaching US Steel Granite City Works Application for Revisions to Construction Permit and PSD Approval
R 002436	3/2/2022	Email: C. Romaine to apiscitelli@uss.com requesting call with US Steel
R 002437	3/2/2022	Email: A. Pistcelli (US Steel) to C. Romaine response to call request
R 002438	3/3/2016	S. Carter Invitation to US Steel Permitting Discussion
R 002439-002442	3/9/2020	Request for EJ Review of US Steel Permit
R 002443	3/9/2020	S. Carter Invitation to US Steel Conference Call
R 002444	3/9/2022	S. Carter Invitation to US Steel Meeting
R 002445	3/10/2015	C. Romaine acceptance of S. Carter invitation US Steel Meeting
R 002446	3/10/2022	S. Carter Invitation for US Steel Meeting
R 002447	3/16/2022	C. Romaine acceptance of S. Carter Invitation for US Steel Meeting

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Record No.	Date	Description
R 002448	3/18/2019	Email: S. Carter to C. Romaine and M. Patel forwarding email to K. Hodge re US Steel PSD Discussion
R 002449	3/18/2019	M. Patel response to S. Carter email re US Steel PSD Discussion
R 002450-002451	3/18/2019	Email: S. Carter to C. Romaine and M. Patel re US Steel PSD Meeting Dates
R 002452-002453	3/18/2019	Email: C. Romaine response to S. Carter US Steel PSD Meeting Dates
R 002454-002455	3/18/2019	Email: C. Romaine response to S. Carter US Steel PSD Meeting Dates
R 002456-002457	3/19/2019	Email chain between S. Carter, C. Romaine and M. Patel re US Steel PSD Discussion
R 002458	3/21/2019	Email Katherine Hodge to M. Patel re Out of Office
R 002459	3/24/2015	S. Carter acceptance of invitation for pre submittal discussion sent to M. Patel
R 002460-002464	3/24/2020	Email: G. Sani to D. Ogulei attached Letter re US Steel Granite City background information on PSD Permit, ESA and NHPA Consultation
R 002465-002466	3/25/2020	Email: D. Ogulei forwarded to C. Romaine and M. Patel of email re US Steel Granite City PSD Permit, ESA and NHPA Consultation
R 002467-002469	3/25/2020	Email: M. Patel response to D. Ogulei re US Steel Granite City PSD Permit, ESA And NHPA Consultation
R 002470-002472	3/25/2020	Email: C. Romaine to S. Carter re US Steel Granite City PSD Permit, ESA and NHPA Consultation
R 002473	3/30/2022	C. Romaine acceptance of S. Carter US Steel Meeting Invite
R 002474	4/6/2022	S. Carter invite to US Steel Granite City Meeting
R 002475	4/8/2019	Email: C. Romaine to M. Patel re U.S Steel BFs and BOFs Production Increase (92090104)
R 002476	4/9/2017	C. Romaine to S. Carter invite re US Steel Meeting
R 002477	4/12/2022	C. Romaine acceptance of S. Carter invite US Steel Meeting
R 002478-002484	4/13/2020	Email: D. Ogulei to C. Romaine and M. Patel re US Steel Response to State HPA
R 002485	4/15/2015	C. Romaine acceptance of S. Carter invitation for US Steel meeting
R 002486	4/15/2015	C. Romaine acceptance of S. Carter US Steel Meeting invitation
R 002487-002775	4/27/2021	Email: M. Patel to J. Schnepf with attached US Steel Granite City Works Revised Permit Application
R 002776	4/29/2019	Sally Carter Invite to C. Romaine re US Steel Meeting
R 002777	5/4/2017	Email chain between C. Romaine and S. Carter re PSD Draft
R 002778-002779	5/5/2021	Email chain between C. Romaine and S. Carter re Discussion on US Steel

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Record No.	Date	Description
R 002780-002781	5/5/2021	Email chain between C. Romaine and S. Carter re US Steel Discussion
R 002782-003448	5/6/2021	Email: M. Patel to C. Romaine with attached US Steel Revised CAAPP Permit issued on March 4, 2013
R 003449-003450	5/6/2021	Email chain between C. Romaine and S. Carter re US Steel Discussion
R 003451-003453	5/6/2024	Email: C. Romaine to S. Carter with attached Draft Notification of Denial of Application
R 003454-003455	5/7/2024	Email chain between C. Romaine, S. Carter and S. Brubaker re Draft Notification of Denial of Application
R 003456	5/11/2021	Email chain between S. Carter and C. Romaine re US Steel new requirements
R 003457	5/12/2021	Email chain between S. Carter and C. Romaine re US Steel Memorandum of Understanding
R 003458	5/12/2021	Email: C. Romaine to S. Carter re US Steel Memorandum of Understanding
R 003459	5/13/2021	S. Carter Calendar Invite to C. Romaine and M. Patel re US Steel Meeting
R 003460	5/18/2021	C. Romaine acceptance of S. Carter Calendar Invite re US Steel Meeting
R 003461-003462	5/22/2018	Email chain between S. Carter, M. Patel and D. Hacker re US Steel restart
R 003463-003467	5/22/2018	Email: S. Carter to C. Romaine and M. Patel with attached US Steel Letter notification of restart of operations
R 003468	5/25/2018	Email: C. Romaine to K. Mattison and M. Patel re Proposed US Steel Conference Call Time
R 003469	5/25/2018	Email: C. Hardin to C. Romaine and M. Patel re Proposed Call re Construction Permit
R 003470	5/26/2022	C. Romaine acceptance of S. Carter Calendar invite re US Steel Meeting
R 003471-003472	5/29/2018	Email chain between C. Romaine, K. Mattison, and M. Patel re US Steel Permit
R 003473-003474	5/29/2018	Email chain between M. Patel, K. Mattison, and C. Romaine re Construction Permit
R 003475	5/29/2018	Email chain between C. Hardin, M. Patel, J. Hanning, C. Romaine and G. Lawrence re conference call regarding US Steel Construction Permit
R 003476-003477	5/29/2018	Email chain between C. Hardin, M. Patel, and C. Romaine re US Steel Construction Permit
R 003478	5/29/2019	M. Patel acceptance of S. Carter invitation to US Steel Conference Call
R 003479	5/29/2019	C. Romaine acceptance of S. Carter US Steel Conference Call invitation

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Record No.	Date	Description
R 003480-003484	5/20/2020	Email chain between G. Saini, Y. Lim, C. Campbell, G. Demico re U.S Steel Granite City Works PSD Permit, NHPA Consultation
R 003485-003486	6/1/2018	Email chain between C. Hardin, C. Romaine and M. Patel re conference call regarding US Steel Construction Permit
R 003487-003502	6/1/2020	Email: G. Saini to C. Romaine and M. Patel re US Steel Granite City Works PSD Permit, ESA and NHPA Consultation
R 003503	6/1/2020	Email: M. Patel to G. Saini re US Steel Granite City PSD Permit , ESA and NHPA Consultation
R 003504	6/1/2023	L. Driver calendar invitation re US Steel Meeting
R 003505	6/1/2023	C. Romaine acceptance of S. Carter Invitation re US Steel Meeting
R 003506	6/2/2021	C. Romaine acceptance of S. Carter Invitation re US Steel Meeting
R 003507-3549	6/2/2023	Email: C. Romaine to J. Schnepf with attached Draft US Steel Denial Letter
R 003550-003592	6/2/2023	Email: C. Romaine to D. Ogulei, D. Marcus, D. Wolski, M. Patel with attached Draft US Steel Denial Letter
R 003593	6/4/2015	M. Patel acceptance of S. Carter calendar Invite
R 003594	6/4/2015	C. Romaine acceptance of S. Carter calendar Invite US Steel Meeting
R 003595-003610	6/8/2020	Email: C. Romaine to S. Carter forwarding email exchange between USEPA and US Steel regarding ESA and NHPA Consultations
R 003611	6/9/2015	EPA Conference acceptance of M. Patel calendar invite US Steel Conference Call
R 003612	6/9/2015	S. Carter acceptance of M. Patel calendar invite re US Steel Meeting
R 003613	6/9/2015	M. Patel forwarding calendar invitation to D. Hacker re US Steel Conference Call
R 003614	6/9/2015	C. Romaine acceptance of S. Carter calendar invitation re US Steel Conference Call
R 003615	7/7/2016	S. Carter Calendar Invitation re US Steel Permitting and Enforcement
R 003616-03659	6/13/2023	Email exchange between C. Romaine, D. Ogueli, M. Patel, J. Schnepf re US Steel Denial Letter Draft
R 003660	6/14/2016	M. Patel acceptance of S. Carter calendar invite re US Steel Permitting and Enforcement Meeting
R 003661-003662	7/21/2023	Email: F. McCurdy to K. Hart, J. Morse and B. Frost re US Steel Public Notice Denial
R 003663	6/23/2020	Email: J. Sprague to S. Ray and C. Rutherford, S. Carter re US Steel Granite Works Revised PSD Application
R 003664	6/23/2020	Email: S. Ray to J. Sprague and C. Rutherford re US Steel Granite Works Revised PSD Application

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Record No.	Date	Description
R 003665-003666	6/23/2020	Email: C. Rutherford to S. Ray and J. Schepp re US Steel Granite Works Revised PSD Permit Application
R 003667	6/23/2020	Email: S. Carter to C. Romaine and M. Patel re US Steel Granite Works Revised PSD Permit Application
R 003668-003669	6/23/2020	Email: S. Ray to C. Rutherford and J. Sprague re US Steel Granite Works Revised PSD Permit Application
R 003670-003671	6/23/2020	Email: C. Rutherford to S. Ray re U.S Steel Granite Works Revised PSD Permit Application
R 003672-003676	6/24/2020	Email chain between C. Rutherford, S. Ray and J. Sprague re US Steel Granite Works Revised PSD Application
R 003677-003681	6/24/2020	Email chain between J. Sprague, S. Ray and C. Rutherford re US Steel Granite Works Revised PSD Application
R 003682	6/24/2020	Email chain between S. Ray and M. Patel forwarding email from G. Saini re US Steel Granite Works Revised PSD Application
R 003683-003684	6/24/2020	Email chain between S. Ray and M. Patel re US Steel Granite Works Revised PSD Application
R 003685	6/24/2020	Email S. Ray to M. Patel re US Steel Granite City Works PSD Permit Application Request
R 003686-003974	6/24/2020	Email: M. Patel to S. Ray forwarding email from G. Saini and attached US Steel Granite City Works PSD Permit Application
R 003975-003977	6/24/2020	Email exchange between S. Ray, J. Sprague and C. Rutherford re US Steel Granite City Works PSD Permit Application
R 003978-003980	6/24/2020	Email exchange between S. Ray, J. Sprague and C. Rutherford re US Steel Granite City Works PSD Permit Application
R 003981	6/24/2020	Email: S. Ray to M. Patel forwarding email from G. Saini re Construction Permit Revision Application for US Steel Granite Works
R 003982-003985	6/24/2020	Email exchange between J. Sprague, S. Ray, and C. Rutherford re US Steel Granite City Works Revised PSD Permit Application
R 003986-003987	6/28/2016	K. Hodge Calendar invitation US Steel Illinois EPA Meeting
R 003988	6/29/2016	C. Romaine acceptance of S. Carter calendar invite re US Steel
R 003989	6/30/2022	C. Romaine acceptance of S. Carter calendar invite to US Steel
R 003990	6/30/2022	C. Romaine acceptance of S. Carter calendar invite to US Steel
R 003991	7/1/2022	C. Romaine acceptance of S. Carter calendar invite to US Steel

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Record No.	Date	Description
R 003992-004022	7/1/2021	Email: M. Patel to C. Romaine with attached to US Steel Cogeneration Boiler Project Construction Permit - Revised NSPS/NESHAP Source issued March 25, 2021
R 004023	7/1/2021	C. Romaine acceptance of S. Carter calendar invite re US Steel
R 004024	9/7/2022	S. Carter calendar invite re US Steel
R 004025	7/7/2016	S. Carter calendar invite re US Steel
R 004026	7/7/2016	S. Carter calendar invite re US Steel Permitting and Enforcement
R 004027-004028	7/8/2021	Email chain between D. Keen, S. Ray and J. Sprague re Modeling for US Steel Granite Works
R 004029-004030	7/8/2021	Email chain between D. Keen, S. Ray and J. Sprague re US Steel Modeling
R 004031-004032	7/8/2021	Email chain between D. Keen and S. Ray re Modeling for U S Steel Granite Works
R 004033	7/7/2016	S. Carter calendar invitation re US Steel Granite City Works Permitting and Enforcement
R 004034	7/16/2020	Email: S. Ray to J. Sprague re US Granite City Update
R 004035	7/16/2020	Email: S. Ray to M. Patel re US Steel Granite City Application Question
R 004036	7/16/2020	Email chain between M. Patel and S. Ray re US Steel Granite City Application Question
R 004037	7/16/2020	Email chain between M. Patel and S. Ray re US Steel Granite City Application Questions
R 004038	7/17/2017	C. Romaine acceptance of S. Carter calendar invitation re US Steel
R 004039	7/19/2019	C. Romaine acceptance of S. Carter calendar invitation re US Steel
R 004040-004041	7/20/2020	Email chain between J. Sprague and S. Ray re: US Steel Granite City Update
R 004042-004047	7/20/2020	Email chain between S. Ray and J. Sprague re US Steel Update with attached Additional Impacts Analyses for CO
R 004048-004050	7/20/2020	Email chain between J. Sprague, S. Ray, and D. Keen re US Steel Granite City CO Modeling Protocol
R 004051-004053	7/20/2020	Email chain between J. Sprague and S. Ray re US Steel Granite City CO Modeling Protocol
R 004054-004057	7/20/2020	Email chain between J. Sprague and S. Ray re US Steel Granite City CO Modeling Protocol
R 004058-004061	7/20/2020	Email chain between S. Ray and J. Sprague re US Steel Granite City CO Modeling Protocol
R 004062	7/20/2020	Email: S. Ray to K. Deen and J. Sprague re US Steel Granite City Additional Impacts
R 004063	7/21/2019	C. Romaine acceptance of S. Carter calendar invite re US Steel

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Record No.	Date	Description
R 004064-004066	7/21/2023	Email: C. Romaine to L. Driver forwarding email re US Steel Revised Permit for Production Increase Project with attached public notice of intent to deny permit
R 004067	7/23/2019	S. Carter calendar invite to K. Kras, M. Patel and C. Romaine re US Steel Meeting
R 004068-004070	7/23/2020	Email chain between S. Ray and G. Saini re US Steel Granite City Impacts Analysis
R 004071-004072	7/23/2020	Email chain between G. Saini and S. Ray re US Steel Granite City Impacts Analysis
R 004073-004074	7/23/2020	Email chain between G. Saini and S. Ray re US Steel Granite City Impacts Analysis
R 004075-004086	7/28/2020	Email exchange between G. Saini and S. Ray regarding US Steel Granite City Works Impacts Analysis
R 004087-004097	7/28/2020	Email from D. Ogulei to C. Romaine forwarding exchanges involving National Historic Preservation Act consultations
R 004098-004102	7/29/2020	Email chain between J. Sprague, S. Ray and G. Saini re US Steel Granite City Impact Analysis
R 004103-004115	7/29/2020	Email chain between S. Ray, J. Sprague and G. Saini re US Steel Granite City Impact Analysis
R 004116-004117	7/28/2020	Email chain between D. Ogulei, B. Frost and C. Romaine re Draft Denial Letter
R 004118-004119	8/3/2020	Email chain between C. Rutherford and S. Ray re Question about U S Steel Granite City
R 004120	8/3/2020	Email S. Ray to C Rutherford re Question about US Steel Granite City
R 004121	8/3/2020	Email chain between C. Rutherford and S. Ray re US Steel Granite City Question
R 004122-004123	8/3/2020	Email chain between S. Ray and C. Rutherford re US Steel Granite City Question
R 004124-004125	8/3/2020	Email chain between S. Ray and C. Rutherford re Question about US Steel Granite City
R 004126	8/4/2015	S. Carter Calendar invite to C. Romaine, J. Morgan, K. Mattison, C. Pressnall re US Steel Meeting
R 004127	8/7/2019	Email: D. Keen to J. Sprague re Modeling for US Steel Granite City Works
R 004128-004129	8/8/2019	Email: J. Sprague to S. Ray and D. Keen re Modeling for US Steel Granite City Works
R 004130-004156	8/12/2021	Email: M. Patel to C. Romaine with attached Construction Permit/PSD Approval Coke Conveyance System issued March 13, 2008
R 004157	8/17/2021	Email: C. Romaine to M. Patel regarding 06070088
R 004158-004160	8/17/2023	Email exchange between B. Frost to S. Carter and D. Hacker re US Steel Request to Extend Public Comment Period

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Record No.	Date	Description
R 004161-004163	8/17/2023	Email exchange between B. Frost, S. Carter and D. Hacker re US Steel Request to Extend Public Comment Period
R 004164	8/18/2021	C. Romaine acceptance of S. Carter calendar invite for US Steel Meeting
R 004165-004167	8/18/2023	Email exchange between D. Hacker and B. Frost re US Steel Request to Extend Public Comment Period
R 004168-004170	8/18/2023	Email exchange between B. Frost and D. Hacker re US Steel Request to Extend Public Comment Period
R 004171	10/19/2015	S. Carter calendar invite to J. Schnepf and C. Romaine re US Steel Conference Call
R 004172-004186	8/19/2019	Email: S. Ray to D. Keen and J. Sprague re Modeling for US Steel Granite City Works with attached emissions inventory
R 004187	8/19/2019	Email chain between D. Keen, S. Ray and J. Sprague re Modeling for US Granite City Works
R 004188-004189	8/21/2023	Email B. Frost to S. Carter forwarding J. Lee email re US Steel Granite City Works Extension of Public Comment Period
R 004190	8/26/2013	C. Romaine acceptance of S. Carter calendar invitation re US Steel Pre Meeting
R 004191	8/29/2023	Email: B. Frost to S. Carter and C. Romaine re US Steel Notification Public Comment period
R 004192-004193	8/30/2021	S. Carter calendar invitation to C. Romaine and L. Driver re US Steel Meeting
R 004194	9/3/2013	S. Carter calendar invitation to C. Romaine, M. Reed and J. Sprague re US Steel Pre meeting
R 004195	9/5/2019	S. Carter calendar invitation to C. Romaine, K. Kras, M. Patel and L. Driver re US Steel Meeting
R 004196	9/5/2019	C. Romaine acceptance of L Driver calendar invitation re US Steel Conference Call
R 004197	9/6/2018	C. Romaine acceptance of S. Carter calendar invitation re US Steel Meeting
R 004198	9/7/2021	C. Romaine acceptance of L. Driver calendar invitation re US Steel and Illinois EPA Conference Call
R 004199	9/7/2022	S. Carter calendar invitation US Steel Meeting
R 004200	9/7/2022	L. Driver calendar invitation Illinois EPA Joint Meeting
R 004201	9/7/2022	S. Carter calendar invitation US Steel Meeting to C. Romaine, M. Patel
R 004202	9/8/2022	L. Driver calendar invitation Illinois EPA Joint Meeting
R 004203	9/9/2016	C. Romaine calendar acceptance of S. Carter calendar invitation re US Steel
R 004204-004209	9/9/2019	Email: D. Froning to D. Keen re Modeling for US Steel Granite City Works and attached screening results for CO and SO ₂

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Record No.	Date	Description
R 004210-004251	9/12/2023	Email chain between B. Frost, J. Schnepf, S. Carter and M. Patel with attached comments of US Steel
R 004279-004339	9/17/2018	Email: S. Carter to C. Romaine with attached correspondence from US Steel
R 004340-004400	9/17/2018	Email: S. Carter to M. Patel with attachments to correspondence of September 17, 2008
R 004401-004403	10/28/2021	L Driver Calendar Invitation re US Steel and Illinois EPA Conference Call
R 004404-004445	9/18/2018	Email: S. Carter to M. Patel and C. Romaine- note to redact email from Becky below re Yuheng Chemical Order
R 004446-004449	9/20/2018	Email: S. Carter to J. Houser, K. Hodge, R. Burlingham with attached C. Romaine email of January 5, 2015 re NOx and VOM Emissions of the BOF Furnaces
R 004450	10/2/2014	C. Romaine acceptance of S. Carter calendar invitation U S Steel
R 004451-004809	10/6/2022	Email: C. Campbell to M. Patel with attached US Steel Granite City Works Revised Construction Permit Application Approval for 1996 Expansion No. 9501001
R 004810	10/7/2019	Email: S. Carter to L. Driver re New Time for US Steel Meeting
R 004811-004856	10/10/2022	Email: D. Keen to S. Ray, C. Campbell, and G. Saini with attached US Steel Granite City Works CO Modeling Report
R 004857	10/11/2022	Email: M. Patel to J. Schnepf forwarding C. Campbell email re Updated US Steel Granite City Permit Application
R 004858-005216	10/11/2022	Email: M. Patel to S. Carter and C. Romaine forwarding email from C. Campbell with attached US Steel Granite City Revised Permit Application
R 005217-005218	10/11/2022	Email chain between S. Ray, D. Keen, C. Campbell and G. Saini re US Steel Granite City Modeling
R 005219-005265	10/11/2022	Email: S. Ray to T. Stewart and C. Rutherford forwarding email from D. Keen re Updated US Steel Granite City Modeling with attached US Steel Granite Works CO Modeling Report
R 005266	10/12/2022	Email: T. Stewart to S. Ray re US Steel Granite City Modeling
R 005267	10/12/2022	Email chain between S. Ray and T. Stewart re US Steel Granite City Modeling
R 005268	10/15/2014	C. Romaine acceptance of S. Carter calendar invitation US Steel Quarterly Call
R 005269	10/19/2015	S. Carter calendar invitation to C. Romaine and J. Schnepf re US Steel Quarterly Call
R 005270	10/19/2021	C. Romaine acceptance of L.Driver calendar invitation US Steel and Illinois EPA Conference Call

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Record No.	Date	Description
R 005271	10/19/2021	C. Romaine forwarded calendar invitation re US Steel and Illinois EPA Conference Call
R 005272	10/21/2019	L. Driver calendar invitation re US Steel Meeting
R 005273	10/21/2019	S. Carter calendar invitation to C. Romaine, M. Patel and K. Kras re US Steel Conference Call
R 005274-005384	10/22/2018	Email: S. Carter to C. Romaine and M. Patel forwarding K. Ginest email with attached October 19, 2018 correspondence of US Steel
R 005385	10/23/2017	Canceled Meeting sent by S. Carter
R 005386	10/26/2021	Canceled Meeting sent by S. Carter
R 005387	10/26/2021	Canceled Conference Call sent by L. Driver
R 005388-005389	10/26/2022	Email chain between S. Ray and T. Stewart re US Steel Granite City Modeling
R 005390-005391	10/26/2022	Email chain between S. Ray and T. Stewart re US Steel Granite City Modeling
R 005392-005393	10/27/2022	Email chain between T. Stewart and S. Ray re US Steel Granite City Modeling
R 005394-005396	10/27/2022	Email chain between S. Ray to T. Stewart and S. King re US Steel Granite City Modeling
R 005397-005398	10/28/2021	L. Driver calendar invitation US Steel and Illinois EPA Conference Call
R 005399-005401	10/28/2021	L. Driver email re US Steel and Illinois EPA Conference Call
R 005402	11/1/2017	S. Carter calendar invitation to M. Patel, C. Romaine and K. Kras re US Steel Meeting
R 005403-005407	11/1/2022	Email chain between S. Ray, T. Stewart and S. King re US Steel Modeling Results
R 005408-005411	11/1/2022	Email chain between S. Ray, T. Stewart and S. King re US Steel Modeling
R 005412-005413	11/2/2022	Email chain between T. Stewart and D. Keen re US Steel Granite City Modeling
R 005414-005459	11/4/2022	Email: S. Ray to J. Schnepf forwarding email of D. Keen, October 10, 2022 and attached US Steel Granite City Woks CO Modeling Report
R 005460-005506	11/4/2022	Email chain between J. Schnepf, D. Keen, S. Ray, C. Romaine and M. Patel re US Steel Granite City Modeling Report
R 005507	11/9/2021	L. Driver cancellation of US Steel Meeting
R 005508	11/9/2021	C. Romaine acceptance of S. Carter calendar invitation US Steel Conference Call
R 005509	11/9/2021	C. Romaine acceptance of L. Driver calendar invitation US Steel Conference Call
R 005510	11/9/2021	C. Romaine acceptance of L. Driver calendar invitation US Steel Conference Call

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Record No.	Date	Description
R 005511-005557	11/9/2022	Email chain between D. Keen, J. Schnepf, S. Ray, M. Patel re US Steel Granite City Modeling Report and attached US Steel Granite City Works CO Modeling Report
R 005558-005561	11/15/2022	Email chain between T. Stewart and S. Ray re US Steel Granite City Modeling
R 005562-005578	11/17/2018	Email S. Carter to C. Romaine and M. Patel forwarding email re Second Deliverable to State and attached November 16, 2018 correspondence of US Steel
R 005579	11/19/2019	C. Romaine acceptance of L. Driver calendar invitation re US Steel Conference Call
R 005580	11/20/2019	C. Romaine acceptance of S. Carter calendar invite re US Steel Conference Call
R 005581	11/23/2021	Email S. Carter to C. Romaine and M. Patel with calendar invitation to US Steel Meeting
R 005582	12/14/2021	S. Carter calendar invite to C. Romaine and M. Patel re US Steel Meeting
R 005583	11/23/2021	C. Romaine acceptance of S. Carter calendar invitation re US Steel Meeting
R 005584	11/23/2021	C. Romaine acceptance of S. Carter calendar invitation re US Steel Meeting
R 005585	11/23/2021	C. Romaine acceptance of L. Driver calendar invitation re US Steel Meeting
R 005586	11/26/2014	M. Patel acceptance of S. Carter calendar invitation for US Steel Meeting
R 005587	11/28/2018	C. Romaine acceptance of S. Carter calendar invitation for US Steel Meeting
R 005588	11/30/2021	C. Romaine acceptance of L. Driver calendar invitation for US Steel Conference Call
R 005589	11/30/2021	C. Romaine acceptance of S. Carter calendar invitation for US Steel
R 005590	12/5/2015	C. Romaine acceptance of S. Carter calendar invitation for US Steel Meeting
R 005591-005607	12/3/2018	Email: S. Carter to M. Patel and C. Romaine forwarding email from US Steel enclosing Second Deliverable to State
R 005608	12/4/2014	C. Romaine acceptance of S. Carter calendar invitation re US Steel Quarterly Meeting
R 005609	12/6/2023	Email: C. Romaine to L. Driver, D. Hacker, C. Campbell, C. Hardin and M. Patel re US Steel Public Comment Period
R 005610	12/8/2015	C. Romaine acceptance of S. Carter calendar invitation to US Steel Meeting
R 005611	12/14/2015	S. Carter calendar invitation to C. Romaine and M. Patel re US Steel Conference Call
R 005612	12/14/2021	S. Carter calendar invitation to C. Romaine and M. Patel re US Steel Meeting

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Record No.	Date	Description
R 005613-005614	12/14/2021	S. Carter calendar invitation to C. Romaine and M. Patel re US Steel Meeting
R 005615	12/14/2021	C. Romaine calendar invitation to Bureau of Air Meeting
R 005616	12/14/2021	C. Romaine calendar invitation to US Steel Meeting
R 005617	12/18/2019	C. Romaine acceptance of S. Carter calendar invitation re US Steel Meeting
R 005618	12/20/2022	C. Romaine acceptance of L. Driver calendar invitation re US Steel Conference Call
R 005619	12/22/2015	C. Romaine acceptance of S. Carter calendar invitation re US Steel Permitting discussion

20. Emission Reduction Project - 06070022

Record No.	Date	Description
R 005620-005776	1/17/2008	US Steel Granite City Works application materials for Construction Permit No. 6070022
R 005777-005885	1/17/2008	US Steel Granite City Works figures for Construction Permit No 6070022 Figures
R 005886-005895	1/16/2008	Emission Reduction Project Permit No. 6070022
R 005896-005903	1/18/2007	Emission Reduction Project Permit No. 607022

21. Emission Reduction Project - 11050006

R 005904-005964	4/1/2013	Emission Reduction Project Construction Permit No. 11050006 (subject to integrated processing)
R 005965-005987	4/1/2013	Illinois EPA Responsiveness Summary for Public Comments on Emission Reduction Project US Steel Granite City Works Construction Permit No. 11050006

22. Excerpt from 2013 CAAPP Renewal Application

Record No.	Date	Description
R 005988-006073	11/2013	US Steel Granite City Works CAAPP Renewal Application No. 96030056 Appendix D: Process Descriptions
R 006074-006205	11/2013	US Steel Granite City Works CAAPP Renewal Application No. 96030056 Appendix E: Emissions Units & PTE Calculations
R 006206-006227	11/2013	US Steel Granite City Works CAAPP Renewal Application No. 96030056 Appendix F: Proposed Permit Changes
R 006228-006253	12/3/2013	US Steel Granite City Works CAAPP Renewal Application No. 96030056 to the Illinois EPA

23. February 2008 Application - 95010001

R 006254-006388	1/29/2008	US Steel Granite City Works Application to Modify Permit No. 95010001 Production Increase Permit
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R 006389	10/26/2010	Illinois EPA letter to US EPA re Proposed Changes to PSD Approval US Steel Request to Initiate Consultation Under the Endangered Species
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24. February 2013 Statement of Basis

R 006390-006437	2/4/2013	US Steel Granite City Works Permit No. 96030056 Statement of Basis for the Planned Issuance of Revised Clean Air Act Program Permit
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25. February 2020 Application - 95010001

R 006438-006744	2/26/2020	US Steel Granite City Works Application for Revisions to Construction Permit/Prevention of Significant Deterioration Approval for Permit No. 95010001
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26. Federal Register - NESHAP - Integrated Iron and Steel Mfg Facilities

R 006745-006878	7/17/2023	Federal Register Final Rule: NESHAP – Integrated Iron and Steel Manufacturing Facilities
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27. FGR on Boilers 11 and 12 - 10080022

R 006879-006881	2/9/2011	US Steel Granite City Works Construction Permit FGR Installation of Boilers 11 and 12
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28. Fourth ESP - BOF - 94090026

R 006882-006883	12/1/1994	US Steel Granite City Works Construction Permit Fourth Electrostatic Precipitator
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29. Fugitive Dust Plan

R 006884-006902	2/22/2021	US Steel Granite City Works Fugitive Particulate Matter Operating Program Revision Notification
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30. Gateway's Visibility and Sensitive Area Impact Analysis - July 2006

R 006903	7/2006	8.3 Local Visibility and Sensitive Area Impacts
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31. Homer City

R 006904-006929	4/16/2024	U.S. v. EME Holder City Generation, 727 F. 3d 274(2013)
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32. In the Matter of USS, Petition V - 2001-03

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R 006930-006975	1/31/2011	In Matter of US Steel Granite City Works, CAAPP Permit 96030056, Petition V 2009-03, Order Granting in Part and Denying in Part Petition for Objection of Permit
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33. In the Matter of USS, Petition V - 2011-2

R 006976-007002	12/3/2012	In Matter of US Steel Granite City Works, CAAPP Permit No. 96030056, Petition V 2011-2, Order Granting in Part and Denying in Part Petition of Objection to Permit
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34. July 24, 2023 CO Modeling Memo

R 007003-007011	7/24/2023	Modeling Memorandum US Steel Granite City Works Permit No. 95010001
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35. Material Cited in Current Application on Furnace Capture

R 007012-007051	5/1/2019	USEPA Memorandum re: Development of Emission Estimates for Fugitive Dust or Intermittent HAP Emission Sources Risk Assessment
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36. May 2011 Statement of Basis

R 007052-007131	5/2011	Statement of the Basis for Planned Revisions of Clean Air Act Permit Program (CAAPP) for US Steel Granite City Works, Permit No. 95030056
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37. Meeting Notes

Record No.	Date	Description
R 007132-007134		Handwritten Notes
R 007135-007139		Handwritten Meeting Notes
R 007140-007143		Handwritten Notes
R 007144-007145	6/28	Handwritten Meeting Notes
R 007146		Handwritten Notes
R 007147-007150		Handwritten Notes
R 007151		Handwritten Notes
R 007152-007161		Handwritten Meeting Notes
R 007162-007165	4/3/2019	Handwritten Meeting Notes
R 007166-007167	1/24/2017	Handwritten Meeting Notes
R 007168-007169	5/4/2018	Handwritten Meeting Notes
R 007170	12/14/2015	Handwritten Meeting Notes
R 007171-007174	2/24/2020	Handwritten Meeting Notes US Steel/Illinois EPA with attached email chain between D. Keen, J. Schnepf, S. Carter, C. Romaine re Proposed US Steel Granite City Works CO Modeling Protocol
R 007175-007180	2/5/2018	Handwritten Meeting Notes

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Record No.	Date	Description
R 007181-007194		Handwritten Notes with attached Proposed Compliance Commitment Agreement January 7, 2016, and Violation Notice
R 007195		Handwritten Notes
R 007196-007197		Handwritten Notes
R 007198-007199		Handwritten Notes
R 007200		Handwritten Notes
R 007201-007203		Handwritten Notes
R 007204		Handwritten Notes
R 007205		Handwritten Notes
R 007206-007207		Handwritten Notes
R 007208-007210		Handwritten Notes
R 007211		Handwritten Notes
R 007212		Handwritten Notes
R 007213	4/30/2015	Handwritten Meeting Notes
R 007214	5/12/2015	Handwritten Meeting Notes
R 007215-007217	4/14/2015	Handwritten Meeting Notes
R 007218	3/25/2015	Handwritten Meeting Notes
R 007219-007220	2/25/2015	Handwritten Meeting Notes
R 007221	2/19/2015	Handwritten Meeting Notes
R 007222-007223	2/17/2015	Handwritten Meeting Notes
R 007224	2/19/2015	Handwritten Meeting Notes
R 007225-007226	1/14/2015	Handwritten Meeting Notes US Steel Quarterly Call with Environmental Groups
R 007227-007229	1/7/2015	Handwritten Meeting Notes
R 007230-007233	11/19/2014	Handwritten Meeting Notes
R 007234-007235	10/14/2014	Handwritten Meeting Notes US Steel Quarterly Call with Environmental Groups
R 007236-007237	10/8/2014	Handwritten Meeting Notes Internal US Steel Meeting on Upcoming Quarterly Call
R 007238-007239	7/15/2014	Handwritten Meeting Notes
R 007240	6/12/2015	Handwritten Meeting Notes
R 007241-007243	7/21/2015	Handwritten Meeting Notes US Steel Quarterly Meeting
R 007244	8/27/2015	Handwritten Meeting Notes US Steel Gateway Conference Call
R 007245	10/7/2015	Handwritten Meeting Notes
R 007246		Handwritten Notes
R 007247-007249	10/21/2015	Handwritten Meeting Notes
R 007250	11/18/2015	Handwritten Meeting Notes
R 007251-007253	12/14/2015	Handwritten Meeting Notes with US Steel
R 007254-007258	3/3/2016	Handwritten Meeting Notes with US Steel
R 007259-007260	6/30/2016	Handwritten Meeting Notes
R 007261-007263	7/7/2016	Handwritten Meeting Notes with US Steel
R 007264-007266	10/25/2016	Handwritten Meeting Notes US Steel Quarterly Meeting

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Record No.	Date	Description
R 007267-007269	1/24/2017	Handwritten Meeting Notes US Steel Meeting
R 007270	2/1/2017	Handwritten Meeting Notes US Steel Meeting
R 007271-007272	5/4/2017	Handwritten Meeting Notes US Steel Quarterly Meeting
R 007273	11/1/2017	Handwritten Meeting Notes US Steel Meeting
R 007274	4/4/2018	Handwritten Meeting Notes US Steel Meeting
R 007275	6/20/2018	Handwritten Meeting Notes US Steel Internal Meeting
R 007276	8/20/2018	Handwritten Meeting Notes US Steel Conference Call
R 007277	8/28/2018	Handwritten Meeting Notes US Steel Meeting
R 007278	12/3/2018	Handwritten Meeting Notes US Steel Conference Call with Attorney General (redact notes)
R 007279-007280	2/5/2019	Handwritten Meeting Notes with US Steel
R 007281-007282	4/4/2019	Handwritten Meeting Notes with US Steel
R 007283-007285	7/23/2019	Handwritten Meeting Notes with US Steel
R 007286	10/21/2019	Handwritten Meeting Notes US Steel
R 007287	11/19/2019	Handwritten Meeting Notes with US Steel
R 007288	12/18/2019	Handwritten Meeting Notes with US Steel
R 007289-007290	1/22/2020	Handwritten Meeting Notes with US Steel
R 007291		Handwritten Notes
R 007292-007293	2/24/2020	Handwritten Notes US Steel Meeting
R 007294	3/9/2020	Handwritten Notes
R 007295	4/20/2021	Handwritten Meeting Notes
R 007296-007299	5/13/2021	Handwritten Meeting Notes Internal
R 007300-007302	5/27/2021	Handwritten Meeting Notes US Steel Meeting
R 007303-007306	7/21/2021	Handwritten Meeting Notes US Steel
R 007307-007308	9/14/2021	Handwritten Meeting Notes
R 007309-007311	10/28/2021	Handwritten Meeting Notes US Steel Meeting
R 007312-007313	11/23/2022	Handwritten Meeting Notes US Steel Meeting
R 007314-007315	12/14/2021	Handwritten Meeting Notes
R 007316-007320	3/9/2022	Handwritten Meeting Notes US Steel Meeting
R 007321-007322	4/9/2022	Handwritten Meeting Notes US Steel Meeting
R 007323	6/28/2022	Handwritten Meeting Notes US Steel Meeting
R 007324-007326	9/7/2022	Handwritten Meeting Notes
R 007327	12/12/2022	Handwritten Meeting Notes with USEPA
R 007328	2/14/2023	Handwritten Meeting Notes US Steel Internal Meeting
R 007329	4/19/2022	Handwritten Meeting Notes US Steel Internal Meeting
R 007330-007331	6/1/2023	Handwritten Meeting Notes US Steel Meeting
R 007332-007333	4/6/2022	Handwritten Meeting Notes

38. Meyers Memo - Circa May 1983 (Undated)

Record No.	Date	Description
R 007334-007335		USEPA Memo: S. Meyers to D. Howekamp re Net Emission Increase Under PSD

39. Midwest Generation Material

R 007336-007351	1/24/2024	U.S. v. Midwest Generation, 781 F Supp. 2d 677 (2011)
R 007352-007363	1/24/2024	U.S. v. Midwest Generation, 694 F. Supp. 2d 999 (2010)
R 007364-007369	1/24/2024	U.S. v. Midwest Generation, 720 F. 3d 644 (2013)
R 007370-007428	5/9/2017	Midwest Generation Joliet Generating Station Revised Construction Permit 15030051
R 007429-007486	7/9/2020	Midwest Generation Joliet Generating Station Revised Construction Permit 15030051
R 007487-007532	7/15/2016	Midwest Generation Joliet Generating Station Revised Construction Permit 15030051
R 007533-007539	3/16/2011	United States v. Midwest Generation LLC, 09-cv-5277, N.D. IL, Memorandum Opinion and Order
R 007540-007633	8/3/2015	Midwest Generation LLC, Joliet Generating Station Natural Gas Conversion Project Construction Permit Application Revision & Supplement
R 007634-007671	7/9/2020	Midwest Generation Joliet Generating Station Revised Construction Permit Application No. 15030051

40. Ministerial Act

Record No.	Date	Description
R 007672-007673		Law Insider Definition of Ministerial Act

41. Miscellaneous Modeling Material

R 007674		Annual Air Emissions for IL461999-2019
R 007675-007682	10/26/2022	USEPA Air Quality Quick Look Report Illinois
R 007683		Illinois EPA 2016-2020 RTP NAAQS 8-Hour Evaluation
R 007684-007707		CO Hourly Emissions Inventory
R 007708-007716		Auer's Analysis
R 007717-007718		Distance between PSD Project and Monitors
R 007719-007721		Emission Inventory
R 007722-007724		Emission Inventory
R 007725-007726		SO ₂ Annual Emissions Inventory
R 007727-007730		Miscellaneous Modeling Information
R 007731		Annual Air Emissions for IL46 1999-2019
R 007732		Eight Hour Emission Data
R 007733		Eight Hour Emission Data
R 007734		Eight Hour Emission Data
R 007735		Modeling Results
R 007736		Modeling Results
R 007737		Modeling Results
R 007738		Miscellaneous Modeling Information
R 007739		Study Area Auer Analysis

R 007740		Study Area Auer Analysis NLCD 2016
R 007741		Study Area Auer Analysis NLCD 2019
R 007742-007743		Carbon Monoxide Point Sources & Emissions
R 007744		Modeling Results
R 007745-007760		Modeling Results
R 007761-007762		Distance Between PSD and Class I Areas
R 007763-007764		CO Point Sources & Emissions
R 007765-007766		Distance Between PSD Project and Met Stations

42. Miscellaneous Guidance

Record No.	Date	Description
R 007767-007768	8/23/2005	USEPA Letter to IDEQ re Permit Modification Becomes Major Solely by Virtue of a Relaxation

43. Missouri CO Ambient Air Monitoring

R 007769-007770	9/1/2023	Missouri Department of Natural Resources Air Pollution Control Program 2023 Monitoring Network Plan
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44. MOU Between USS and IEPA

Record No.	Date	Description
R 007771-007776	7/1/2010	US Steel Granite City Works and Illinois EPA Memorandum of Understanding re Reductions in Emissions of PM

45. Natural Gas Usage Increase Project - 98110038

R 007777-007780	11/12/1998	US Steel Granite City Works Application Requesting Natural Gas Increase
R 007781-007782	11/13/1998	US Steel Granite City Works Calculation Sheet for Construction Permit Allowing for Increase in Natural Gas Usage
R 007783-007788	12/9/1998	US Steel Granite City Works Construction Permit Natural Gas Usage Increase

46. November 14 Test Information Less Appendices

R 007789-007839	1/9/2015	US Steel Granite City Works Stack Test of November 11 - 13, 2014
R 007840-007862	8/11/2015	Review of US Steel Granite City Works Stack Tests of November 11-13, 2014

47. October 7, 2020 Modeling Memo

R 007863-007871	10/7/2020	Memorandum: C. Ruthford and S. Ray to M. Patel re US Steel Granite City Works Application for Revisions to Permit 95010001, Air Quality Analysis for Carbon Monoxide
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48. Operating Permits 72080034, 72080036 - Blast Furnaces

R 007872-007881	1/25/2008	US Steel Granite City Works Operating Permit Blast Furnace A No. 72080034
R 007882-007889	1/25/2008	US Steel Granite City Works Operating Permit Blast Furnace B No. 72080036

49. Options Federal Register - June 28, 1989

R 007890-007917	6/28/1989	Federal Register 40 CFR Parts 51-52 Submittal of Implementation Plans
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50. Orange Recycling & Ethanol

R 007918-007931	4/8/2002	USEPA Administrative Order Denying Petitions for Objection to Permit, Orange Recycling & Ethanol Production Facility
R 007932-007968	5/2/2001	USEPA Administrative Order Partial Granting and Denying Petition for Objection to Permit, Orange Recycling & Ethanol Production Facility
R 007969-007997	7/31/2002	USEPA v. Pencor Masada Oxonoyl, 300 F.3d 256 (2 nd Cir. 2002)

51. Part A - Initial Application

Record No.	Date	Description
R 007998-008405	12/1994	National Steel Permit Application Production Increase Permit 95010001 prepared by Woodward Clyde

52. Part B - Agency's Permit

R 008406-008726	1/25/1996	US Steel Granite City Construction Permit 95010001 & Miscellaneous Documents
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53. Part C - 2008 Revision

R 008727-008871	1/31/2008	US Steel Granite City Request for Modification of Production Increase Permit
R 008872-008880	8/19/2010	Memorandum: P. Brooks to J. Schnepf re US Steel Granite City Works Review of Air Quality Impact Analysis

R 008881-008926	2/2008-12/2012	Miscellaneous Correspondence
R 008927-009118	1/2010-7/2013	Miscellaneous Emails and Attachments
R 009119-009169	3/2007-6/2010	US Steel Granite City Works Cogeneration and Blast Furnace Stack Test Results and Miscellaneous Documents relevant to 2008 Revision

54. Part D - 2012 Revision

R 009170-009934	5/30/2012	US Steel Granite City Works Construction Permit Revised PSD Approval Revised 9501001 & Supporting Documentation
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55. Past AP 42's Iron Pellet Screen

Record No.	Date	Description
R 009935-009944	9/1985	Compilation of Air Pollutant Emission Factors Volume I Stationary Point and Area Sources Fourth Edition
R 009945-009954	5/1983	Draft Supplement 14 for Compilation of Air Pollutant Emission Factors, Third Edition, Including Supplements 1-7

56. PCB 2013-053

Record No.	Date	Description
R 009955-010379	4/8/2013	US Steel Petition for Review (PCB No. 2013-053)

57. PCB 2013-062

R 010380-010480	5/6/2013	US Steel Petition for Review filed (PCB No. 2013-062)
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58. People v. USS Madison County 05-CH-750 (December 18, 2007)

Record No.	Date	Description
R 010481-010509	12/18/2007	People v. US Steel (05-CH-750) Madison County Circuit Court, Consent Order

59. Permit 95010001

Record No.	Date	Description
R 010510-010608	5/8/2024	Denial of US Steel Granite City Works Application for Revisions to Construction Permit/PSD Approval Permit No. 95001010001

R 010609-010833	5/8/2024	Illinois EPA Responsive Summary for Comments on Proposed Denial of Application of US Steel Granite City Works Revisions to Construction Permit/PSD Approval Permit No. 950100001
R 010834	5/8/2024	Permit Review Traveler Sheet US Steel Granite City Works Application Denial Permit No. 95010001

60. Project Summary for Original - 95010001 - November 1995

R 010835-010877	11/3/1995	Project Summary for Proposed Issuance of US Steel Granite City Works Construction Permit 95010001
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61. Proposed Revisions to 35 IAC 212 - October 30, 1995

R 010878-010879	10/30/1995	Proposed Revisions to 35 Ill. Adm. Code 212: USEPA Concerns in Conditional SIP Approval
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62. Public Comments

Record No.	Date	Description
R 010880-010919	9/11/2023	US Steel Granite City Works Comments to Notice of Intent to Deny Application for Revisions to Construction Permit No. 95010001
R 010920-010923	8/21/2023	American Bottom Conservancy Public Comments on Draft Denial of US Steel Granite City Works Application for Revisions to Construction Permit No. 95010001
R 010924-010928	8/22/2023	Email B. Frost to C. Romaine and S. Carter with attached Sierra Club August 17, 2023 Public Comments to Notice of Intent to Deny Application for Revisions to Construction Permit No. 95010001
R 010929-010966	1/8/2024	US Steel Granite City Works Comments to Notice of Intent to Deny US Steel Application for Revisions to Construction Permit No. 95010001
R 010967	8/17/2023	US Steel Granite City Works Request for Extension of Comment Period to Notice of Intent to Deny Application for Revisions to Construction Permit No. 95010001

63. Public Notice

R 010968-011016	7/2023	Draft Denial of US Steel Granite City Works Application for Revisions to Construction Permit 95010001
R 011017	8/18/2023	Illinois EPA Notice of Extension of Public Comment Period on Intent to Deny US Steel Granite City Works Application for Revisions to Construction Permit 95010001
R 011018-011019		Illinois EPA Notice of Intent to Deny and Public Comment Period Application for Revisions to US Steel Granite City Works Construction Permit/PSD Approval

Electronic Filing: Received, Clerk's Office 09/30/2024

R 011020-011047	7/2023	Illinois EPA Project Summary for the Proposed Denial of US Steel Granite City Works Application for Revisions to Construction Permit/PSD Approval
R 011048-011166		Illinois EPA Notice of Intent to Deny Revised Draft Letter and New Public Comment Period for US Steel Granite City Works Application for Revisions to Construction Permit/PSD Approval

64. Revised Application October 2022 (95010001)

Record No.	Date	Description
R 011167-011524	10/3/2022	US Steel Granite City Works Application for Revision to Construction Permit /PSD Approval 1996 Expansion Permit No. 95010001

65. Revised Draft Denial - Calculation Sheet and Accompanying Information

R 011525	12/6/2023	Calculation Sheet for US Steel Granite City Works Application for Revision to Construction Permit for 1996 Production Increase Project
R 011526-011553	12/6/2023	Illinois EPA Project Summary for the Proposed Denial of US Steel Granite City Works Application for Revisions to Construction Permit/PSD Approval
R 011554-011644	12/2023	Draft Denial of Application for Revision to Construction Permit/PSD Approval for US Steel Granite City Works

66. Scrivener's Error

Record No.	Date	Description
R 011645	2016	Ryan D. Doerfler, <i>The Scrivener's Error</i> , 110 Northwestern University Law Review, 811 (2016) Abstract

67. Section 165(c) of the CAA

R 011646-011647	2013	42 U.S.C. Section 7475 Preconstruction Requirements for Major Emitting Facilities
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68. Shell Offshore

R 011648-011722	3/30/2012	<i>In re Shell Offshore, Inc.</i> , 15 Environmental Administrative Decisions, OSC Appeal Nos. 11-05, 11-06 & 11-07, Order Denying Petitions for Review
R 011723-011766	10/21/2011	<i>In re Shell Offshore, Inc.</i> , USEPA Permit to Construct and Title V Air Quality Operating Permit
R 011767-011847		<i>In re Shell Offshore, Inc.</i> , USEPA Response to Comments for Permit to Construct and Title V Air Quality Operating Permit Conical Drilling Unit Kulluk for Shell Offshore Inc.

Electronic Filing: Received, Clerk's Office 09/30/2024

R 011848-011901	12/21/2011	<i>In re Shell Offshore, Inc.</i> , OCS Appeal Nos. 11-05, 11-06 & 11-07, Response to Petitions for Review
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69. SO2 FESOP - 94120017

Record No.	Date	Description
R 011902-011917	3/7/1995	Federally Enforceable State Operating Permit issued to U.S. Steel Granite City Works Sulfur Dioxide Emission Limits

70. Supplemental Emails

Record No.	Date	Description
R 011918	5/7/2024	Email chain between S. Brubaker and C. Romaine re US Steel Granite City Works Denial
R 011919	5/8/2024	Email C. Romaine to S. Brubaker re US Steel Granite City Denial Letter
R 011920	5/8/2024	Email C. Romaine to S. Brubaker re US Steel Granite City Works Responsive Summary
R 011921	5/8/2024	Email S. Brubaker to C. Romaine re US Steel Granite City Works Denial Letter and Responsive Summary

71. Title V Issued 03-04-23 - 96030056

Record No.	Date	Description
R 011922-012253	3/4/2013	US Steel Granite City Works Title V Revised CAAPP Permit for Integrated Steel Mill

72. Tucson Electric

Record No.	Date	Description
R 012254-012269	8/8/2018	Pima County, AZ Outreach for Tucson Electric Power PSD Permit, Appendix A Summary of Public Notification Process
R 012270-012315	8/8/2018	Pima County Department of Environmental Quality PSD Permit issued to Tucson Electric Power Irvington Generating Station
R 012316-012337	12/3/2018	<i>In re Tucson Electric</i> , 17 E.A.D. 675, PSD Appeal 18-02
R 012338-012347	8/8/2018	Tucson Electric Power Technical Support Document

73. USEPA - NOx Emissions from Iron Steel Mills

R 012348-012395	9/1994	Alternative Control Techniques Document – Nitrogen Oxide Emissions from Iron and Steel Mills, EPA-453/R-94-065
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74. USEPA Order- BP Amoco Chemical

R 012396-012438	7/20/2021	<i>In the Matter of BP Amoco Chemical Company, Texas City Chemical Plant Galveston County, Texas, Petition No. VI-2017-6, Order Granting in Part and Denying in Part a Petition for Objection to Permit</i>
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75. USEPA Rulemaking for the Meaning of Project

R 012439-012446	1/15/2009	74 Fed. Reg. 2376, Rules and Regulations for 40 CFR Parts 51 & 52 Prevention of Significant Deterioration (PSD) and Nonattainment New Source Review (NSR): Aggregation and Project Netting
R 012447-012456	11/15/2018	83 Fed. Reg. 57824, Rules and Regulations for 40 CFR Parts 51 and 52 Prevention of Significant Deterioration (PSD) and Nonattainment New Source Review (NSR): Aggregation; Reconsideration
R 012457-012531	10/22/2020	Final Rule for CFR Parts 51 and 52 Prevention of Significant Deterioration and Nonattainment of New Source Review: Project Emissions
R 012532-012551	11/24/2020	85 Fed. Reg. 74890, Rules and Regulations for 40 CFR Parts 51 & 52 Prevention of Significant Deterioration (PSD) and Nonattainment New Source Review (NNSR): Project Emissions Accounting
R 012552-012564	3/13/2018	US EPA Archive Document Memorandum re: Project Emissions Accounting Under New Source Review Preconstruction Permitting Program

76. USEPA WebFIRE

R 012565-012574		Emission Factors Search
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77. USS - Indefinitely Idling

R 012575-012576	11/28/2023	News Article: Layoffs expected after US Steel indefinity idles primary operations at Granite City facility
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ILLINOIS ENVIRONMENTAL
PROTECTION AGENCY

By: /s/ Ellen F. O'Laughlin

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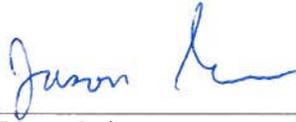
Ellen.Olaughlin@ilag.gov

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

UNITED STATES STEEL CORPORATION,)	
)	
Petitioner,)	
)	
v.)	PCB No. 24-77
)	(Permit Appeal-Air)
ILLINOIS ENVIRONMENTAL)	
PROTECTION AGENCY)	
)	
Respondent.)	

CERTIFICATE OF RECORD ON APPEAL

I, Jason Schnepf, of the Illinois Environmental Protection Agency hereby certify that the Record on Appeal filed in the above-referenced matter and summarized in the attached Index of the Record on Appeal pursuant to 35 Ill. Adm. Code 105.116 and 105.612 (the "Index"), is true and complete to the best of my knowledge, information and belief.



Jason Schnepf
Clean Air Act Program Permit (CAAPP)
Construction Unit Manager
Illinois Environmental Protection Agency