

**From:** Harriet Nash  
**To:** Evan Keto  
**Date:** 11/28/2006 12:43:51 PM  
**Subject:** Fwd: OCGS fishkill information

Evan,

Please print out the graph from the attached file, and docket it.

Thanks,  
H

>>> <Malcolm.Browne2@exeloncorp.com> 11/28/2006 12:12 PM >>>  
Harriet,

As we discussed this morning along with Kathy Barnes of our Regulatory Assurance department, attached is a graphical summary of the number of fishkill events that have occurred at OC since it began operation. The figure summarizes the number of fishkill events by decade and illustrates a trend of continuous improvement (i.e., reduced numbers of fishkills) since the early days of operation of the plant. It reflects not only improved environmental stewardship, but also improved and innovative plant preventative and online maintenance practices, procedures and policies that have resulted in the need for fewer plant shutdowns in recent years.

As you requested, I am also faxing you a copy of the OC fishkill procedure. If there are any questions on either of these items, please feel free to call or email me.

Malcolm Browne  
Environmental Specialist

AmerGen  
609 - 971- 4124  
[malcolm.browne2@exeloncorp.com](mailto:malcolm.browne2@exeloncorp.com)

<<FISH KILLS BY DECADE CHART 1972 TO 2005.xls>>

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**From:** Harriet Nash

**Created By:** HLN@nrc.gov

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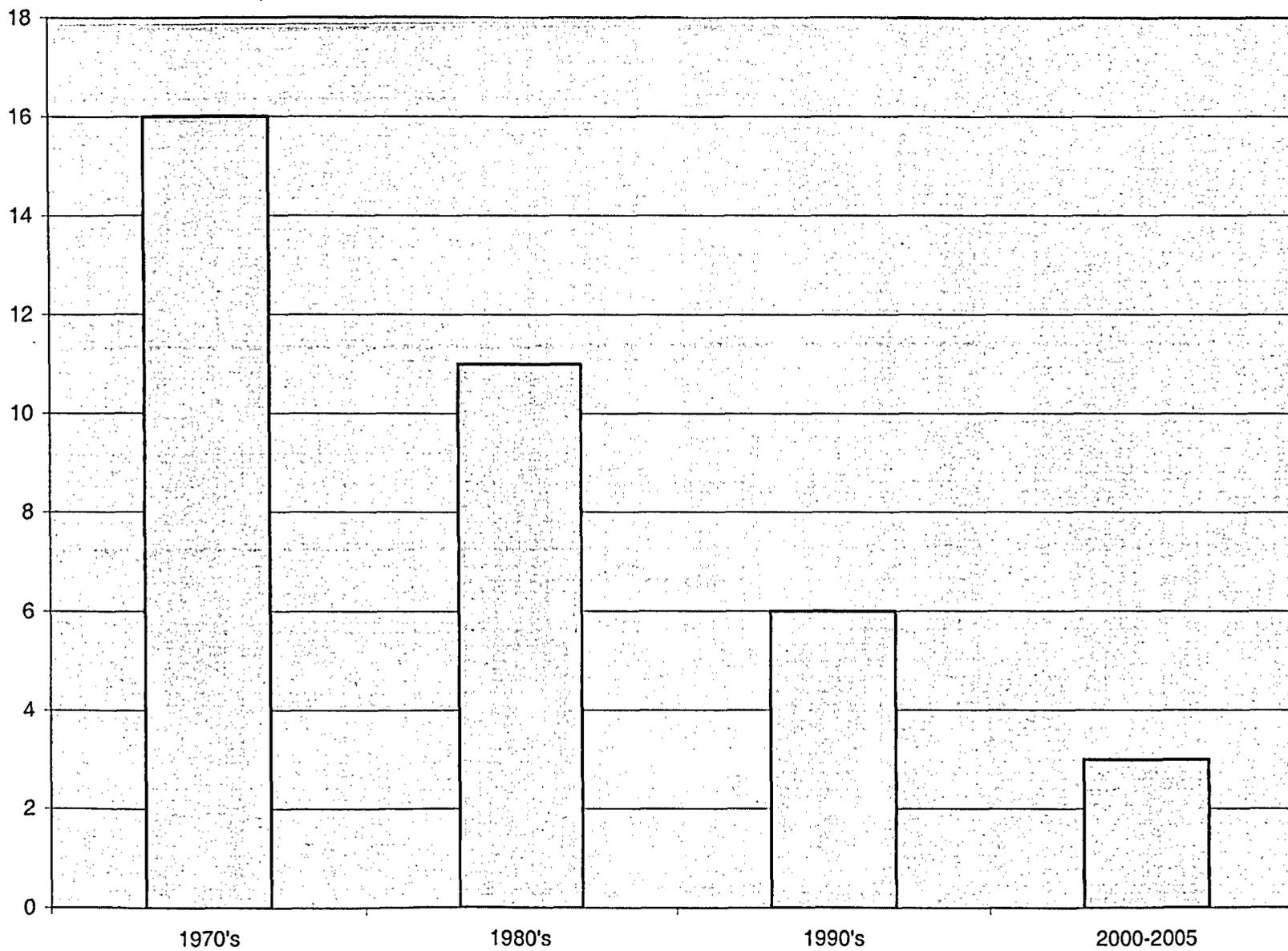
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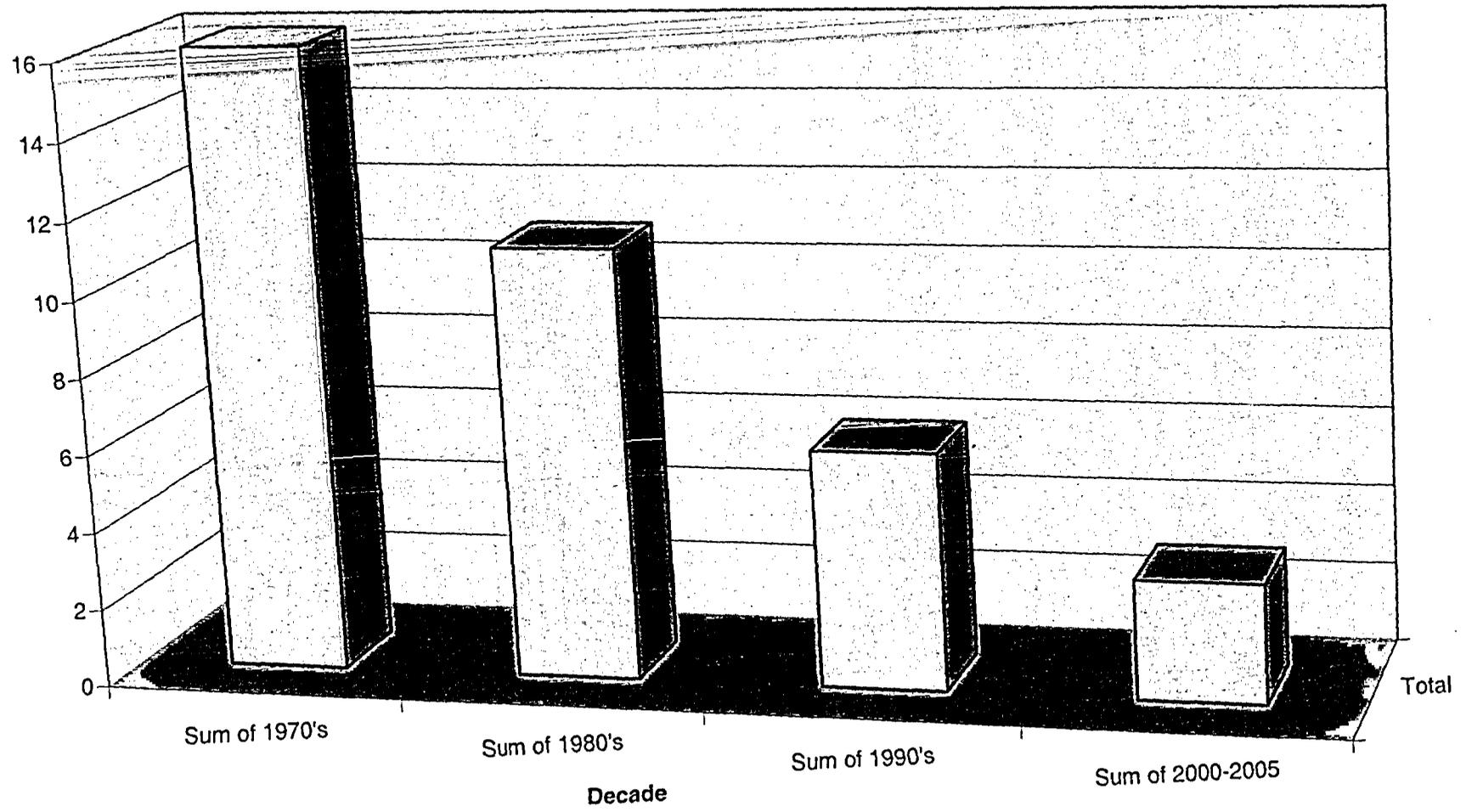
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Series1

# OCGS Fishkills by Decade



Data

Data	Total
Sum of 1970's	16
Sum of 1980's	11
Sum of 1990's	6
Sum of 2000-2005	3

OCNGS FISH KILL HISTORY

OCNGS FISH

DATE	NUMBER	SPECIES 1	SPECIES 2	SPECIES 3	DATE
01/29/1972	550,000	ATLANTIC MENHADEN			01/29/1972
01/05/1973	609,020	ATLANTIC MENHADEN	BAY ANCHOVY		01/05/1973
02/16/1973	20,000	ATLANTIC MENHADEN			02/16/1973
08/09/1973	3,000	ATLANTIC MENHADEN			08/09/1973
01/07/1974	500	ATLANTIC MENHADEN			01/07/1974
01/11/1974	96,800	ATLANTIC MENHADEN	BLUEFISH		01/11/1974
10/09/1974	200	CREVALLE JACK			10/09/1974
02/04/1975	175	ATLANTIC MENHADEN	BLUEFISH		02/04/1975
11/24/1975	55	CREVALLE JACK			11/24/1975
12/27/1995	350	ATLANTIC MENHADEN			12/27/1995
12/29/1975	159	ATLANTIC MENHADEN	BLUEFISH		12/29/1975
10/21/1977	160	BLUE RUNNER	CREVALLE JACK		10/21/1977
01/15/1979	682	ATLANTIC MENHADEN			01/15/1979
08/02/1979	75	STRIPED BASS	NORTHERN PUFFER	GOOSEFISH	08/02/1979
12/20/1979	16	BLUEFISH	WEAKFISH	SEA ROBIN	12/20/1979
01/05/1980	7,029	ATLANTIC MENHADEN	BLUEFISH	WEAKFISH	01/05/1980
07/21/1980	340	BLUEFISH	OYSTER TOADFISH	TAUTOG	07/21/1980
11/22/1980	22,103	BLUE RUNNER	CREVALLE JACK	BLUEFISH	11/22/1980
06/13/1981	25	BAY ANCHOVY			06/13/1981
12/10/1981	38	BLUEFISH	ATLANTIC MENHADEN	SPOT	12/10/1981
12/10/1982	7,774	BLUEFISH	CREVALLE JACK	BLUE RUNNER	12/10/1982
02/02/1985	17	ATLANTIC MENHADEN	BLUEBACK HERRING		02/02/1985
12/15/1985	55	WEAKFISH	BLACK SEA BASS	SPOT	12/15/1985
07/14/1987	5,071	ATLANTIC MENHADEN			07/14/1987
11/08/1988	1,429	ATLANTIC MENHADEN	SPOT	WINTER FLOUNDER	11/08/1988
12/08/1989	3,580	ATLANTIC MENHADEN	BLUEFISH	WEAKFISH	12/08/1989
02/15/1991	1,151	BLUEFISH	SPOT	SPOTTED SEATRUT	02/15/1991
06/22/1995	23	STRIPED BASS	TAUTOG	NORTHERN PUFFER	06/22/1995
12/18/1995	19	BLUEFISH	BLACK DRUM	SPOTTED SEATRUT	12/18/1995
12/27/1995	855	STRIPED BASS	WHITE PERCH	AMERICAN EEL	12/27/1995
05/06/1996	1,600	ATLANTIC MENHADEN	WEAKFISH	WINTER FLOUNDER	05/06/1996
03/20/1998	30	BLUEFISH			03/20/1998

4 KILL HISTORY

SPECIES 4

SPECIES 5

SPECIES 6

TAUTOG

BLACK SEA BASS  
SPOT  
STRIPED BASS  
SMOOTH DOGFISH

ATLANTIC MENHADEN  
SCUP  
WHITE PERCH  
LADYFISH

BUTTERFISH  
ATLANTIC NEEDLEFISH

SCUP  
SCUP

WHITE PERCH

AMERICAN EEL  
SPOTTED SEATROUT  
SMOOTH DOGFISH

NORTHERN KINGFISH  
NORTHERN KINGFISH

SMOOTH DOGFISH  
GIZZARD SHAD  
AMERICAN EEL

WEAKFISH

OCNGS FISH KILL HISTORY

DATE SPECIES 7

01/29/1972  
01/05/1973  
02/16/1973  
08/09/1973  
01/07/1974  
01/11/1974  
10/09/1974  
02/04/1975  
11/24/1975  
12/27/1995  
12/29/1975  
10/21/1977  
01/15/1979  
08/02/1979  
12/17/1979  
12/20/1979  
01/05/1980 KINGFISH  
07/21/1980 ATLANTIC MENHADEN  
11/22/1980 GRAY SNAPPER  
06/13/1981  
12/10/1981 STRIPED MULLET  
12/10/1982 NORTHERN KINGFISH  
02/02/1985  
12/15/1985  
07/14/1987  
11/08/1988  
12/08/1989 CREVALLE JACK  
02/15/1991 ATLANTIC HERRING  
06/22/1995  
12/18/1995  
12/27/1995  
05/06/1996  
03/20/1998

BUTTERFISH  
SUMMER FLOUNDER  
NORTHERN KINGFISH

JACK  
LADYFISH

SPOT  
WEAKFISH

SCUP

OCNGS FISH KILL HISTORY

SPECIES 8	SPECIES 9	DATE	SPECIES 10
		01/29/1972	
		01/05/1973	
		02/16/1973	
		08/09/1973	
		01/07/1974	
		01/11/1974	
		10/09/1974	
		02/04/1975	
		11/24/1975	
		12/27/1995	
		12/29/1975	
		10/21/1977	
		01/15/1979	
		08/02/1979	
		12/20/1979	
		01/05/1980	
BLUEBACK HERRING	NORTHERN PUFFER	07/21/1980	AMERICAN EEL
AMERICAN EEL	MOJARRA	11/22/1980	
		06/13/1981	
		12/10/1981	
		12/10/1982	
		02/02/1985	
		12/15/1985	
		07/14/1987	
		11/08/1988	
RED DRUM	AMERICAN EEL	12/08/1989	SPINY DOGFISH
		02/15/1991	
		06/22/1995	
		12/18/1995	
		12/27/1995	
		05/06/1996	
		03/20/1998	