



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

August 29, 1990

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Kent Smith, Environmental Manager  
Harris Semiconductor  
P. O. Box 883  
Melbourne, Florida 32902-0883

Dear Mr. Smith:

Re: Amendment of Construction Permits

AC 05-165757	Bldg. 04	- 190664
-157786	51	
-147321	54	
-164544	55	
-161706	57	-189178
-159484	58	-189176
-150794, -174445,	59	-180707
-168460	60	-189177
-157787	62	
-158237	63	-190042

The Department has reviewed Constantine Triantafyllidis' letter received July 19, 1990, requesting that the above referenced air construction permits' expiration dates be extended. The Department is in agreement with the request and the following will be changed and added:

Expiration Date:

From: December 31, 1990

To: June 30, 1991

Attachment to be Incorporated:

o Constantine Triantafyllidis' letter received July 19, 1990.

This letter must be attached to your air construction permits, as referenced above, and shall become a part of the permits.

Sincerely,

*[Signature]*  
for STEVE SMALLWOOD, P.E.  
Director  
Division of Air Resources  
Management

SS/BM/plm

Mr. Kent Smith  
August 29, 1990  
Page 2

Attachment

c: C. Collins, Central Dist.  
C. Triantafyllidis, HS



File copy

July 17, 1990

Mr. Claire Fancy  
Bureau Chief  
Bureau of Air Regulation  
Florida Department of Environmental Regulation  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

Subject: Extension of Consolidated Construction Permits  
Harris Semiconductor, Melbourne

JUL 19 1990  
DER-BAQM

<u>Permit Nos.</u>	<u>Bldg.</u>
AC 05-165757	04
AC 05-157786	51
AC 05-147321	54
AC 05-164544	55
AC 05-161706	57
AC 05-159484	58
AC 05-150794	59
AC 05-168460	60
AC 05-157787	62
AC 05-158237	63

Dear Mr. Fancy:

This letter is submitted, on behalf of Harris Semiconductor Sector, Inc. ("Semiconductor"), to request an extension of the expiration dates of the above-referenced permits until March 31, 1991. We believe the extension is justified for the following reasons. The current specific conditions of these permits require the submission of applications for operating permits by the end of September. As you are aware, over the last several months we have been working with the Department to reduce the potential for Semiconductor's operations to contribute to odors in the areas adjacent to the facility. It is possible that some of the projects we currently have underway to accomplish this objective may not be completed by the end of September. The stack extensions associated with the Building 54 operations should be completed by the end of September. However, another major element of our odor reduction efforts which consists of a facility-wide substitution of certain phenolic process chemicals with non-phenolic ones, where reasonably possible, may not be completed by October 1st. We believe this program is important because these non-phenolic compounds should prove to be much less odoriferous in nature.

Mr. Claire Fancy  
July 17, 1990  
Page 2.

This program is considerably more complex and difficult to implement than the stack extensions. Due to the sophisticated and sensitive nature of the integrated circuits manufactured at the facility, in many instances, a substitution of process chemicals requires customer (which in many instances is the U.S. Government) approval.

The whole project, including necessary customer approval and the actual chemical substitutions, may take several months or more. We believe, from the Department's and Semiconductor's perspective, it would be better to complete this process prior to submission of the applications for operating permits. It should be noted that some chemical changes may not be possible if the U.S. Government objects to the substitution. Should the Department have any questions or require any additional information, please contact our office at 407/729-5301.

Yours sincerely,

*Constantine Triantafyllidis*

Constantine Triantafyllidis  
Environmental Engineer  
Environmental Services

cc: T. Sawicki /  
B. Mitcell / 7/24/90 ra  
C. Collins /

E/929/90

July 17, 1990

RECEIVED  
JUL 20 1990  
DER-BAQM

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Bureau of Air Regulation  
Florida Department of Environmental Regulation  
Twin Towers Office Building  
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*Constantine Triantafyllidis*

Constantine Triantafyllidis  
Environmental Engineer  
Environmental Services

cc: T. Sawicki  
B. Mitcell  
C. Collins

E/929/90

July 17, 1990

Mr. Claire Fancy  
Bureau Chief  
Bureau of Air Regulation  
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Yours sincerely,

*Constantine Triantafyllidis*

Constantine Triantafyllidis  
Environmental Engineer  
Environmental Services

cc: T. Sawicki  
B. Mitcell  
C. Collins

E/929/90

8-22-90

D2105

Constantine request an ext. of time to June 30, 1991, in order to obtain c.p. mod. / source to allow a buffer above actuals.

AA



July 13, 1990

Charles M. Collins, P.E.  
Program Administrator  
Air Resources Management  
Florida Department of Environmental Regulation  
3319 Maguire Boulevard, Suite 232  
Orlando, Fl 32803

RECEIVED  
JUL 16 1990  
DER-BAQM

SUBJECT: HARRIS SEMICONDUCTOR  
Notification of Stack Height Extensions  
Scrubber Nos. F54S01, F54S02, F54S03, F54S04  
Air Permit No. AC 05-147321

Dear Mr. Collins:

As a follow up to our previous correspondence (March 23 and May 2, 1990) an engineering evaluation has been completed for the design and structural feasibility to add stack extensions. Consequently, this letter is to notify the Central Florida District office that installation of stack height extensions for scrubber nos. F54S03 and F54S04 has been scheduled to begin July 23, 1990.

In addition, pursuant to the Department's approval (see correspondence of June 15, 1990), the replacement of the existing scrubber nos. F54S01 and F54S02 with scrubber no. F63S01 will be conducted at that time. Barring unforeseen problems, the construction activities should be completed by the first week of September.

Should you have any questions, require any additional information or wish to have a representative present during the construction activities, please call our office at (407) 729-5301.

Sincerely,

*Constantine Triantafyllidis*

Constantine Triantafyllidis  
Environmental Services

cc: G. Kuberski  
C. Fancy  
B. Mitchell

Bruce

recd 8/23/90  
PBR