

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

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION NOTICE OF PERMIT

Mr. James R. Kolanek
Manager, Environmental Services
Harris Semiconductor
Post Office Box 883
Melbourne, Florida 32901

May 31, 1989

Enclosed is construction permit No. AC 05-161706 for Harris Semiconductor to consolidate multiple permits previously issued for Building No. 57, which is a source involved with soldering and plating of integrated circuit parts and is located at the permittee's existing facility on Palm Bay Road in the city of Palm Bay, Brevard County, Florida. This permit is issued pursuant to Section 403, Florida Statutes.

Any party to this permit has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this permit is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality Management

Copy furnished to:

C. Collins, CF District
L. R. Hutker, P.E.

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of business on June 2, 1989.

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to
§120.52(9), Florida Statutes, with
the designated Department Clerk,
receipt of which is hereby
acknowledged.

Martha Wise June 2, 1989
Clerk Date

Final Determination

Harris Semiconductor
Brevard County
Palm Bay, Florida

Construction Permit Number:
AC 05-161706

Florida Department of Environmental Regulation
Division of Air Resources Management
Bureau of Air Quality Management
Central Air Permitting

May 25, 1989

Final Determination

The construction permit application has been reviewed by the Department. Public Notice of the Department's Intent to Issue was published in The Tribune on May 5, 1989. The Technical Evaluation and Preliminary Determination were available for public inspection at the DER's Central Florida District and Bureau of Air Quality Management offices.

There were no comments received on the proposed action. Therefore, it is recommended that the proposed construction permit be issued as drafted.

5-10-89
Orlando, FL

The Times

Published Weekly on Wednesday

THE TRIBUNE

Published Weekly on Wednesday

RECEIVED



Published Daily

MAY 9 1989

DER - BAQM

STATE OF FLORIDA
COUNTY OF BREVARD

Before the undersigned authority personally appeared Linda L. Spicer who on oath says that he/she is Legal Advertising Clerk of the FLORIDA TODAY, a newspaper published in Brevard County, Florida; that the attached copy of advertising being a Legal Notice

_____ in the matter of _____
permit to Harris Semiconductor
_____ in the _____ Court

was published in the FLORIDA TODAY NEWSPAPER
in the issues of May 5, 1989

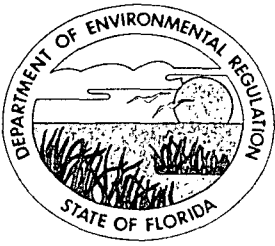
Affiant further says that the said FLORIDA TODAY NEWSPAPER is a newspaper published in said Brevard County, Florida and that the said newspaper has heretofore been continuously published in said Brevard County, Florida regularly as stated above, and has been entered as second class mail matter at the post office in COCOA, said Brevard County, Florida for a period of one year next preceeding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in said newspaper.

Linda L. Spicer
Sworn and subscribed to before me this

5th May 89
day of _____ A.D., 19

Cathy J. Smith
Notary Public

State of Florida
Department of
Environmental Regulation
Notice of Intent to Issue
The Department of Environ-
mental Regulation hereby gives
notice of its intent to issue a per-
mit to Harris Semiconductor, Post
Office Box 883, Melbourne, Flori-
da 32901, to consolidate multiple
permits previously issued for
Building No. 57, which is a source
involved with soldering and plating
of integrated circuit parts.
The proposed project will occur
at the applicant's existing facility
in Brevard County, Florida. A de-
termination of Best Available
Control Technology (BACT) was
not required. The Department is
issuing this intent to issue for the
reasons stated in the Technical
Evaluation and Preliminary
Determination.
A person whose substantial in-
terests are affected by the De-
partment's proposed permitting
decision may petition for an ad-
ministrative proceeding (hear-
ing) in accordance with Section
120.57, Florida Statutes. The peti-
tion must contain the information
set forth below and must be filed
(received) in the Office of Gen-
eral Counsel of the Department at
2600 Blair Stone Road, Tallahas-
see, Florida 32399-2400, within
fourteen (14) days of publication
of this notice. Petitioner shall
mail a copy of the petition to the
applicant at the address indicat-
ed above at the time of filing.
Failure to file a petition within
this time period shall constitute a
waiver of any right such person
may have to request an adminis-
trative determination (hearing)
under Section 120.57, Florida
Statutes.
The petition shall contain the
following information:
(a) The name, address, and
telephone number of each peti-
tioner, the applicant's name and
address, the Department Permit
File Number and the county in
which the project is proposed;
(b) A statement of how and
when each petitioner received
notice of the Department's action
or proposed action;
(c) A statement of how each
petitioner's substantial interests
are affected by the Department's
action or proposed action;
(d) A statement of the material
facts disputed by petitioner, if
any;
(e) A statement of facts which
petitioner contends warrant re-
versal or modification of the De-
partment's action or proposed
action;
(f) A statement of which rules
or statutes petitioner contends
require reversal or modification
of the Department's action or
proposed action; and
(g) A statement of the relief
sought by petitioner, stating pre-
cisely the action petitioner wants
the Department to take with re-
spect to the Department's action
or proposed action.
If a petition is filed, the admin-
istrative hearing process is de-
signed to formulate agency action.
Action is not final until the De-
partment's final action may be
different from the position taken
by it in this Notice. Persons
whose substantial interests will
be affected by any decision of the
Department with regard to the
application have the right to peti-
tion to become a party to the pro-
ceeding. The petition must con-
form to the requirements
specified above and be filed (re-
ceived) within 14 days of publica-
tion of this notice in the Office of
General Counsel at the above ad-
dress of the Department. Failure
to petition within the allowed time
frame constitutes a waiver of any
right such person has to request a
hearing under Section 120.57,
F.S., and to participate in the
proceeding. Any subsequent
intervention will only be al-
lowed with the approval of the presiding offi-
cer upon motion filed pursuant to
Rule 28-9.007, F.S.
The application is available for
public inspection during normal
business hours, 8:00 a.m. to 5:00
p.m., Monday through Friday ex-
cept legal holidays, at:
Department of Environmental
Regulation
Bureau of Air Quality
Management
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
Dept. of Environmental
Regulation
Central Florida District
3319 Maquero Blvd., Suite 222
Orlando, Florida 32803-3767
Any person may send written
comments on the proposed action
to Mr. Bill Thomas at the Depart-
ment's Tallahassee address. All
comments mailed within 14 days
of publication of this notice.



Florida Department of Environmental Regulation

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

Bob Martinez, Governor

Dale Twachtman, Secretary

John Shearer, Assistant Secretary

PERMITTEE:
Harris Semiconductor
P. O. Box 883
Melbourne, Florida 32901

Permit Number: AC 05-161706
Expiration Date: April 30, 1990
County: Brevard
Latitude/Longitude: 28° 01' 20" N
80° 36' 10" W

Project: Building 57

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code (F.A.C.) Chapters 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

For the permitting of Building 57, which is a source whose primary manufacturing operations are soldering and plating of integrated circuit parts. The scrubber control system is:

- o F57S01: a Tri Mer Corp. 13,500 cfm horizontal counter-flow mist eliminator using polypropylene filter packing for caustic and corrosive vapor removal; Model No. F/W 5.

The building/source is located at the permittee's existing facility located on Palm Bay Road in the City of Palm Bay. The UTM coordinates are Zone 17, 538.7 km East and 3100.9 km North.

The Source Classification Codes are: Major Group 36
o Cold Solvent Cleaning/ 4-01-003-99 Tons VOC/Solvent Stripping Consumed

The source shall be in accordance with the permit application and plans, documents, amendments, and drawings except as otherwise noted in the General and Specific Conditions.

Attachments to be Incorporated:

1. Application to Construct Air Pollution Sources, DER Form 17-1.202(1), and Mr. James R. Kolanek's cover letter received March 6, 1989.
2. Technical Evaluation and Preliminary Determination dated April 14, 1989.

PERMITTEE:
Harris Semiconductor

Permit Number: AC 05-161706
Expiration Date: April 30, 1990

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

PERMITTEE:
Harris Semiconductor

Permit Number: AC 05-161706
Expiration Date: April 30, 1990

GENERAL CONDITIONS:

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

PERMITTEE:
Harris Semiconductor

Permit Number: AC 05-161706
Expiration Date: April 30, 1990

GENERAL CONDITIONS:

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the Department, may be used by the Department as evidence in any enforcement case arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the Department, during the course of any unresolved enforcement action.

PERMITTEE:
Harris Semiconductor

Permit Number: AC 05-161706
Expiration Date: April 30, 1990

GENERAL CONDITIONS:

b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by Department rule.

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the date(s) analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. The maximum allowable VOC/solvent emissions from Building No. 57 shall be 1.7 tons per year.
2. The VOC/solvent vapor exhaust scrubber must be on during working hours.
3. Permitted hours of operation are 8760.
4. Objectionable odors shall not be allowed off plant property.

PERMITTEE:
Harris Semiconductor

Permit Number: AC 05-161706
Expiration Date: April 30, 1990

SPECIFIC CONDITIONS:

5. An inspection and maintenance plan shall be submitted to the DER's Central Florida District office as part of the operating permit application. The plan shall include provisions for the prevention and correction of VOC/solvent losses from leaks and equipment malfunctions.

6. By March 31 of each calendar year, an annual operating report shall be submitted to the DER's Central Florida District office demonstrating compliance with the VOC/solvent emissions limit for Building No. 57. The emissions shall be determined by a material balance scheme, verifiable on a monthly basis, and shall include the following:

- a) a beginning inventory of full containers, cylinders and storage tanks at the beginning of each calendar year;
- b) plus all purchased deliveries after the beginning inventory (verifiable by invoices);
- c) minus all quantities picked-up and shipped-off the premise after the beginning inventory (verifiable by invoices);
- d) minus all quantities deep well injected during the calendar year, justified by assumptions and established scrubber efficiencies; and,
- e) minus an ending inventory of full containers, cylinders, and storage tanks.

7. The scrubber system's efficiency and potential VOC/solvent emissions shall be established by a sampling and analysis program, which includes:

- a) a sample shall be taken annually from each scrubber stack and analyzed using EPA Reference Method 25 or, with Department approval, EPA Reference Method 25A, 40 CFR 60, Appendix A;
- b) the DER's Central Florida District office shall receive 15 days notice in writing prior to sampling; and,
- c) the report, summarizing the sampling results, shall be submitted to the DER's Central Florida District office within 45 days after the last test run is completed.

8. This permit will supercede all other permits previously issued on this source/Building No. 57.

9. The source/Building No. 57 is subject to all applicable provisions of F.A.C. Chapters 17-2 and 17-4.

PERMITTEE:
Harris Semiconductor

Permit Number: AC 05-161706
Expiration Date: April 30, 1990

SPECIFIC CONDITIONS:

10. Projected potential acid emissions are 0.2 TPY.

11. Building No. 57 is subject to the provisions of F.A.C. Rules 17-2.240: Circumvention; 17-2.250: Excess Emissions; and, 17-4.130: Plant Operation - Problems.

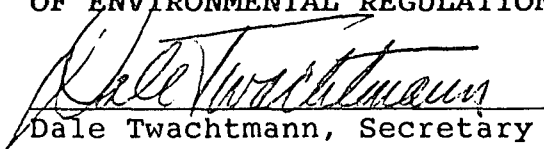
12. Any modification pursuant to F.A.C. Rule 17-2.100(119), Modification, shall be submitted to the DER's Central Florida District office and the Bureau of Air Quality Management office for approval.

13. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the BAQM prior to 60 days before the expiration of the permit (F.A.C. Rule 17-4.090).

14. An application for an operation permit must be submitted to the Central Florida District office at least 90 days prior to the expiration date of this construction permit or within 45 days after completion of compliance testing, whichever occurs first. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. Rule 17-4.220).

Issued this 26 day
of May, 1989

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION


Dale Twachtmann, Secretary