

EGNATIUS (NAT) ANTHONY LOVOY, II

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OBJECTIVE Obtain mechanical engineering position for company's needs and engineering experience.

EDUCATION B. S. Mechanical Engineering, 2001, University of Alabama at Birmingham, Dean's List
Vestavia Hills High School, 1995, Advanced Studies

Pursuing P.E. Licensure (2011); Engineer Intern, February 19, 2002, No. EI 12961
ASME International Member, 2000 – Present; AEE Member, 2010

CAREER EXPERIENCE *Sain Engineering Associates, Birmingham, AL* [w³.saineng.com](http://w3.saineng.com)

Energy Engineer, December '09 – June '10

Energy engineer for engineering/architectural company in commercial / light industrial environment.

- Field building energy audits at U. S. military installations for civil engineering, public works offices
- Locations: Vandenberg AFB (CA), Fort Worth NAS (TX), Eglin AFB and PCB NSA (FL)
- Technical reporting, data collection and analysis as consulting engineering services
- Areas include HVAC, plumbing, electrical supply, lighting, building envelope, utility metering

Boiler Supply Company, Engineering, Birmingham, AL [w³.boisco.com](http://w3.boisco.com)

Inside Sales / Application Engineer, November '07 – December '08

Inside sales / application engineer for boiler sales/service company in commercial/industrial environment.

- Supported three (3) offices in southeast, package boiler industry, Cleaver-Brooks representative
- Steam/hot water boilers/heaters and ancillary, controls, heat exchangers, pumps, fans, stacks
- Proposals for sales, equipment sizing/selection, firm/budget pricing
- Technical and engineering support, design engineering, project organization, data analysis
- Worked with equipment representatives, vendors, contractors, customers / end users
- Capital equipment, aftermarket, project bid/specifications

Alabama Power Company, E. C. Gaston Electric Generating Plant, Wilsonville, AL [w³.southernco.com](http://w3.southernco.com)

Plant and Co-Op Engineer, March '00 - December '04

Plant engineer (both project and system engineer) for utility fossil power plant in industrial environment.

- Completed projects to sustain daily plant operations for steam turbines, coal handling, fire protection
- Ownership of multiple plant systems: condensate, feedwater, general service water
- Planning/scheduling, plant-wide meetings for projects, outages, system owner, operations, safety
- Handled budgets for engineering projects and plant systems, monthly projections
- Capital and O&M projects (lump sum bid, time/material), specifications, material procurement
- Learned steam cycles, drum/supercritical boilers, 250 – 900 MW units
- Coordinated steam condenser testing/maintenance during run-time and outages, 24/7/365
- Started as junior engineer (E3), progressing to third engineer level (E1)

Cooperative-education engineer through U.A.B. joint program, graduated/hired as above engineer.

- Supportive tasks for all plant departments, specifically Engineering/CBM
- Completed technical projects to learn plant / develop engineering confidence
- Performed testing on all plant equipment, worked with plant employees/contractors

Dravo Lime Company, Saginaw, AL [w³.carmeusena.com](http://w3.carmeusena.com)

Intern Engineer, Summer '99

Summer intern engineer through U.A.B. for chemical manufacturing plant in industrial environment.

- Supportive tasks for engineering/construction team on major lime kiln addition project
- Completed technical projects to learn plant / develop work confidence
- Areas include stone, lime and dust handling, rotary kiln, slurry systems
- Completed unit start-up, worked with plant employees/subcontractors

TRAINING Sain Engineering Associates: Certified Energy Management (AEE)

Boiler Supply Company: C-B/Nebraska Boilers, ITT Basic Hydronics, Exhausto Draft Systems

Southern Company: Project Management, Root Cause Analysis, Fundamentals of Power Plant Performance, Heat Rate, Technical Conference, Plant Safety/Compliance, Confined Space, Clearance

REFERENCES AVAILABLE