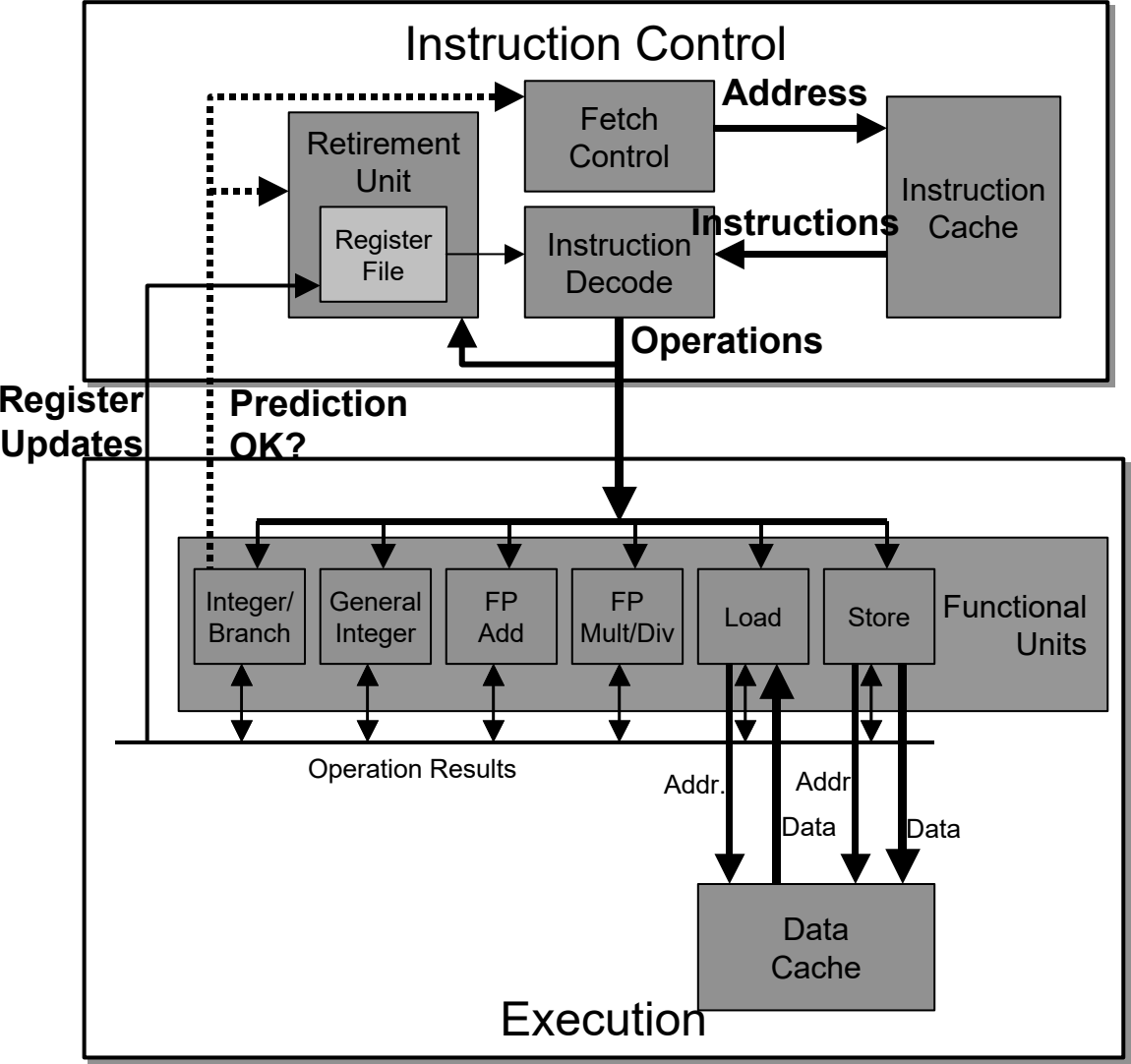
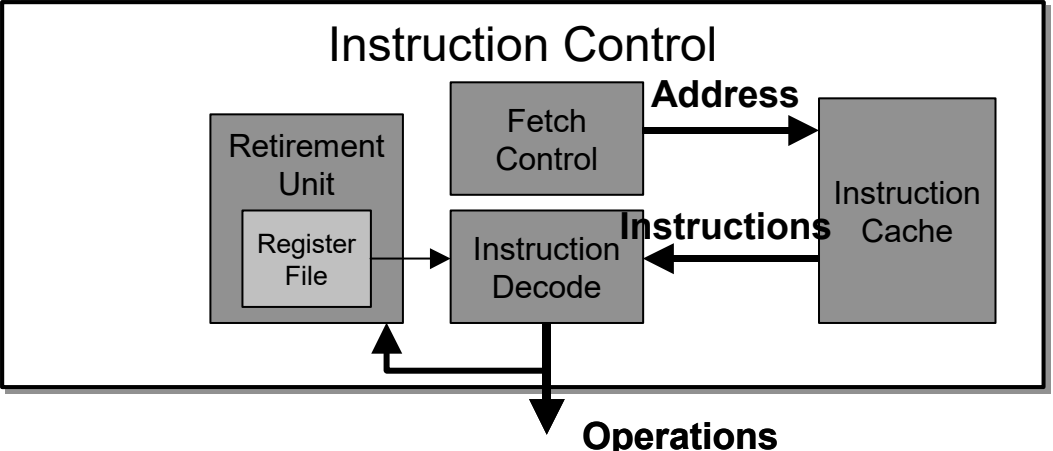
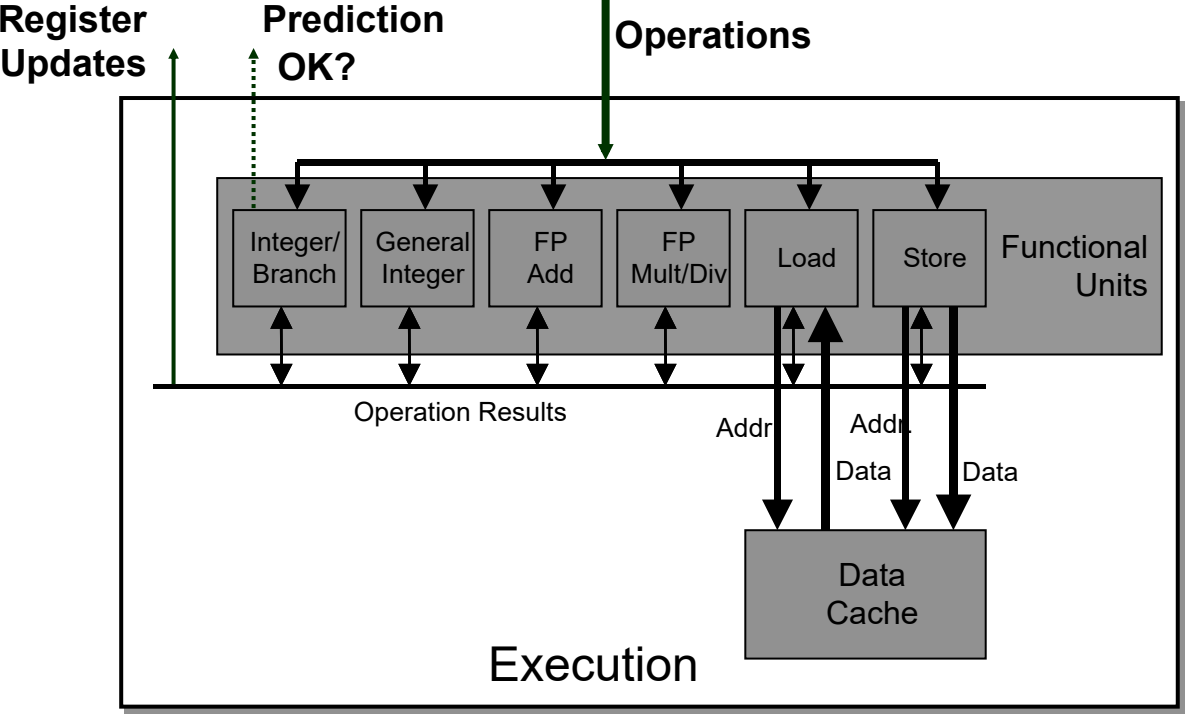

Instruction Control
Fetch Control
Address
Retirement Unit
Register File
Instruction Decode
Instructions
Instruction Cache
Operations
Register Updates
Prediction OK?
Integer/ Branch
General Integer
FP Add
FP Mult/Div
Load
Store
Functional Units
Operation Results
Addr.
Addr
Data
Data
Data Cache
Execution


Instruction Control
Retirement Unit
Register File
Fetch Control
Address
Instruction Decode
Instructions
Instruction Cache
Operations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