@startuml

actor Customer

boundary CustomerScreen

boundary DeliveryAddressScreen

control CustomerControl

entity DELIVERYADDRESS

Customer-> CustomerScreen++: Click "Delivery Address" on "left menu"

deactivate CustomerScreen

CustomerScreen-> CustomerControl ++: Process Load "List Delivery Adress" screen

deactivate CustomerControl

DeliveryAddressScreen-> DeliveryAddressScreen++: Load "List Delivery Adress" screen

deactivate DeliveryAddressScreen

Customer-> DeliveryAddressScreen++: Click button "Thêm địa chỉ giao hàng"

deactivate DeliveryAddressScreen

DeliveryAddressScreen-> DeliveryAddressScreen++: Load "CRUD Delivery Address"

deactivate DeliveryAddressScreen

Customer-> DeliveryAddressScreen++: Giving input

deactivate DeliveryAddressScreen

Customer-> DeliveryAddressScreen++: Click lưu

deactivate DeliveryAddressScreen

DeliveryAddressScreen-> DeliveryAddressScreen++: Validate

deactivate DeliveryAddressScreen

alt Fail

DeliveryAddressScreen-> DeliveryAddressScreen++: Show error notification

deactivate DeliveryAddressScreen

end

alt Achieve

DeliveryAddressScreen-> CustomerControl ++: Process create delievry address

deactivate CustomerControl

CustomerControl -> DELIVERYADDRESS++:Process create delievry address

deactivate DELIVERYADDRESS

DELIVERYADDRESS-> DELIVERYADDRESS++: Validate

deactivate DELIVERYADDRESS

alt Fail

DELIVERYADDRESS--> CustomerControl ++: Show error notification

deactivate CustomerControl

CustomerControl --> DeliveryAddressScreen++: Show error notification

deactivate DeliveryAddressScreen

end

alt Achieve

DELIVERYADDRESS-> DELIVERYADDRESS++: Store data

deactivate DELIVERYADDRESS

DELIVERYADDRESS--> CustomerControl ++: Successful notification

deactivate CustomerControl

CustomerControl --> DeliveryAddressScreen++: Thông báo create thành công và reload UI

deactivate DeliveryAddressScreen

end

end

@enduml