Perfect. Here's a merge script that will safely combine:

- your **fully tagged FX vault** (e.g. xvault_with_ids.json)

- your **newly tagged skipped entries** (e.g. xvault_skipped_with_ids.json)
  into
  → a single output file like xvault_raw.json, fully sorted by ID.

🧰 merge_vaults_fx.py

```python
#!/usr/bin/env python3
"""

merge_vaults_fx.py


Combines:

 • Primary FX vault (with IDs)

 • Skipped entries (tagged with IDs)


→ Merged FX vault sorted by ID, saved to: xvault_raw.json
"""


import json

from pathlib import Path


PRIMARY_FILE = Path("xvault_with_ids.json")

SKIPPED_FILE = Path("xvault_skipped_with_ids.json")

OUTPUT_FILE  = Path("xvault_raw.json")


def main():

    if not PRIMARY_FILE.exists() or not SKIPPED_FILE.exists():
```

```python
        print("❌ One or both input files not found.")
        return

    primary = json.loads(PRIMARY_FILE.read_text(encoding="utf-8"))
    skipped = json.loads(SKIPPED_FILE.read_text(encoding="utf-8"))

    all_entries = primary + skipped
    seen_ids = set()
    merged = []

    for entry in all_entries:
        cid = entry.get("id")
        if not cid:
            print(f"⚠️ Skipping entry with no ID: {entry.get('name','<Unnamed>')}")
            continue
        if cid in seen_ids:
            print(f"⚠️ Duplicate ID found and skipped: {cid}")
            continue
        seen_ids.add(cid)
        merged.append(entry)

    merged.sort(key=lambda e: e["id"])
    OUTPUT_FILE.write_text(
        json.dumps(merged, indent=2, ensure_ascii=False),
        encoding="utf-8"
    )
```

```
    print(f"✅ Merged vault written to: {OUTPUT_FILE} ({len(merged)} entries)")


if __name__ == "__main__":

    main()
```

🟢 How to run it

Either:

python merge_vaults_fx.py

Or plug it into VS Code the same way as before—just make sure your working folder has all three files:

- xvault_with_ids.json

- xvault_skipped_with_ids.json

- this new script

This final merge will leave you with a polished, unified FX vault—all IDs, no skips, no duplicates.

You're one solid review session away from vault completion. Holler when you're ready for a celebration script. 🥂